

# 2008 Water Supply & Usage

Arkansas River Basin  
Division 2

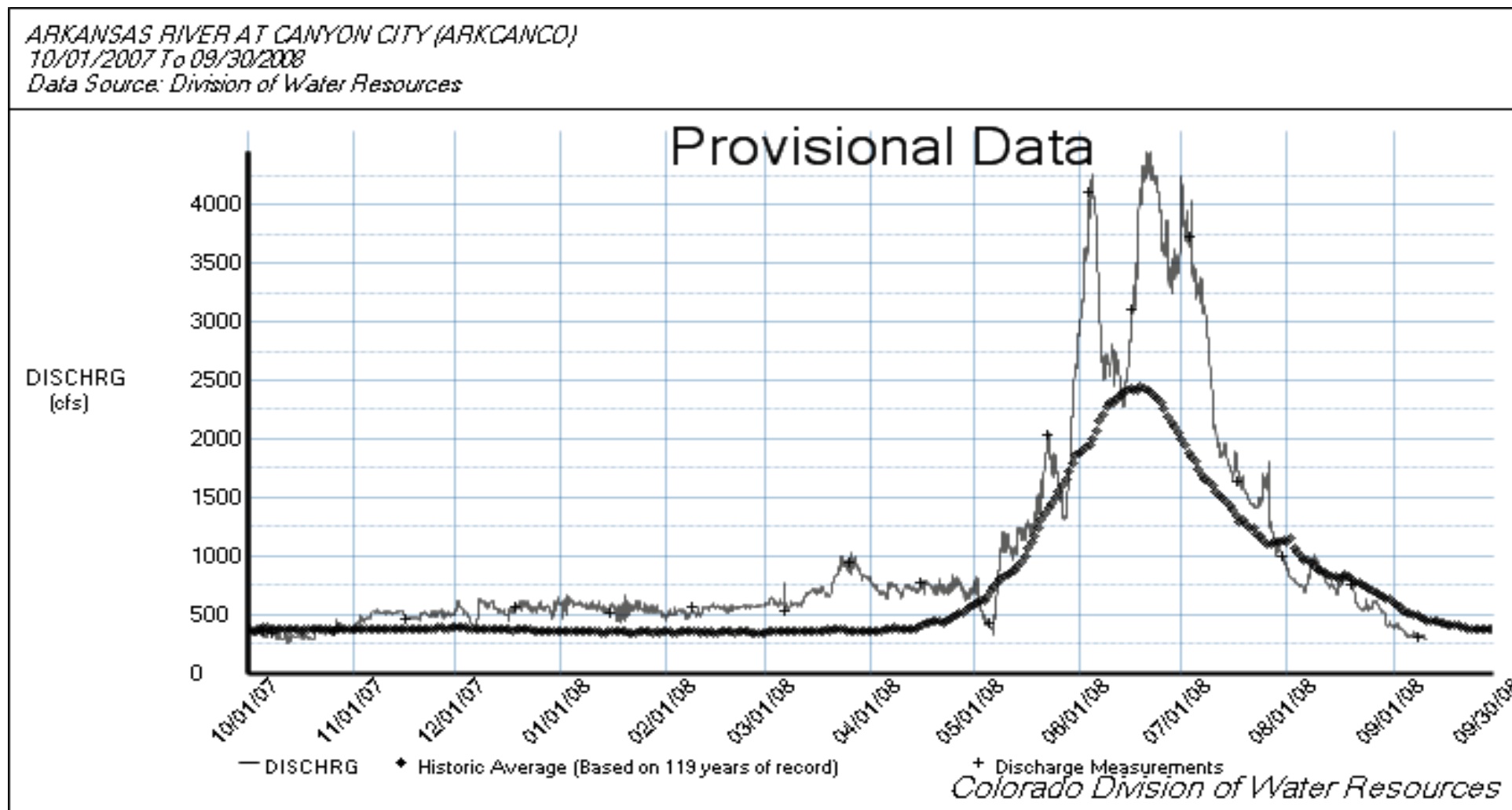
# Water Supply Indicators

- Pueblo Winter Storage
  - 107% of 18 year average
  - 143% of 5 year average
- John Martin Conservation Storage
  - 117% of 1950-1975 average
- Basin wide peak snowpack 149%
- Approved Rule 14 pumping
  - 105% of 1996-2007 average
  - 123% of 2003-2007 average
- Fry-Ark Project allocation average 1995-1998

# Water Supply

- Initial expectations of high water
- Alternating early season weather patterns seemed to moderate and prolong runoff
- Peak melt-out June 27<sup>th</sup>, very near avg.
- Peak flows substantially higher than normal

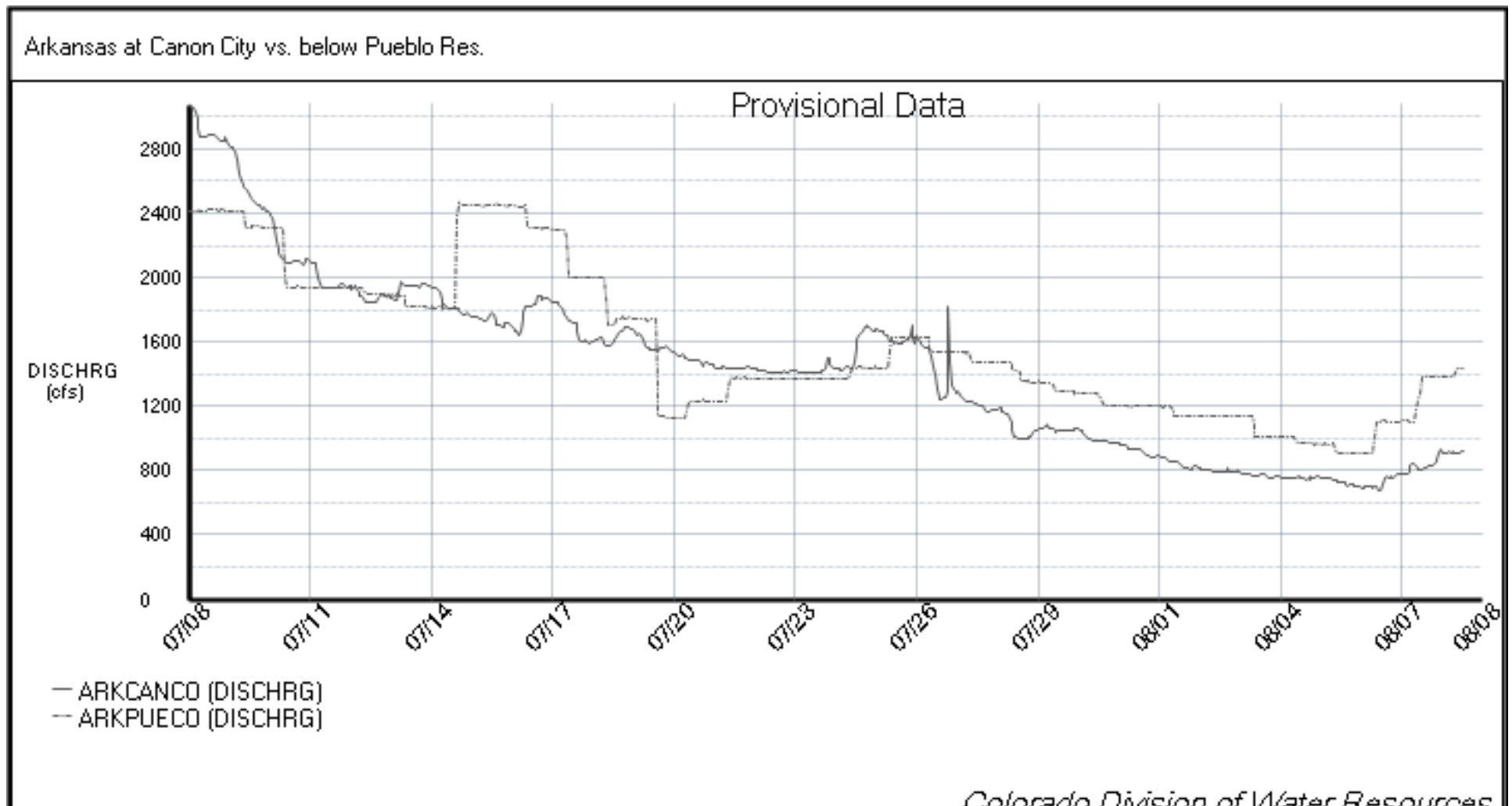
# 2008 vs Average measured at Canon City, Colorado



# Water Supply cont.

- Moderate spring and early summer temperatures, very little precipitation resulted in need to draw on storage reserves

# Mid-season comparison of Pueblo Reservoir inflow to outflow



# Water Supply cont.

- Kansas called for release of all of the water available to them from John Martin beginning June 23<sup>rd</sup> through July 27<sup>th</sup>
- High capacity well pumping through June was 119% of the 1999 – 2007 average
- July was driest July on record in Colorado Springs-
  - Colorado Springs produced 4.33 billion gallons for distribution (13,288 af)
  - Per capita usage lower than 2002 levels

# Water Supply cont.

- August monsoons provided welcome relief from high temperatures...and rain!
- Thunderstorms provided an opportunity to store runoff in John Martin Reservoir, and..
- Prevented river call from going any more senior than Amity's 2/21/1887



# Late Season comparison of Pueblo Reservoir inflow to outflow

