



# Wyoming River Basin Planning

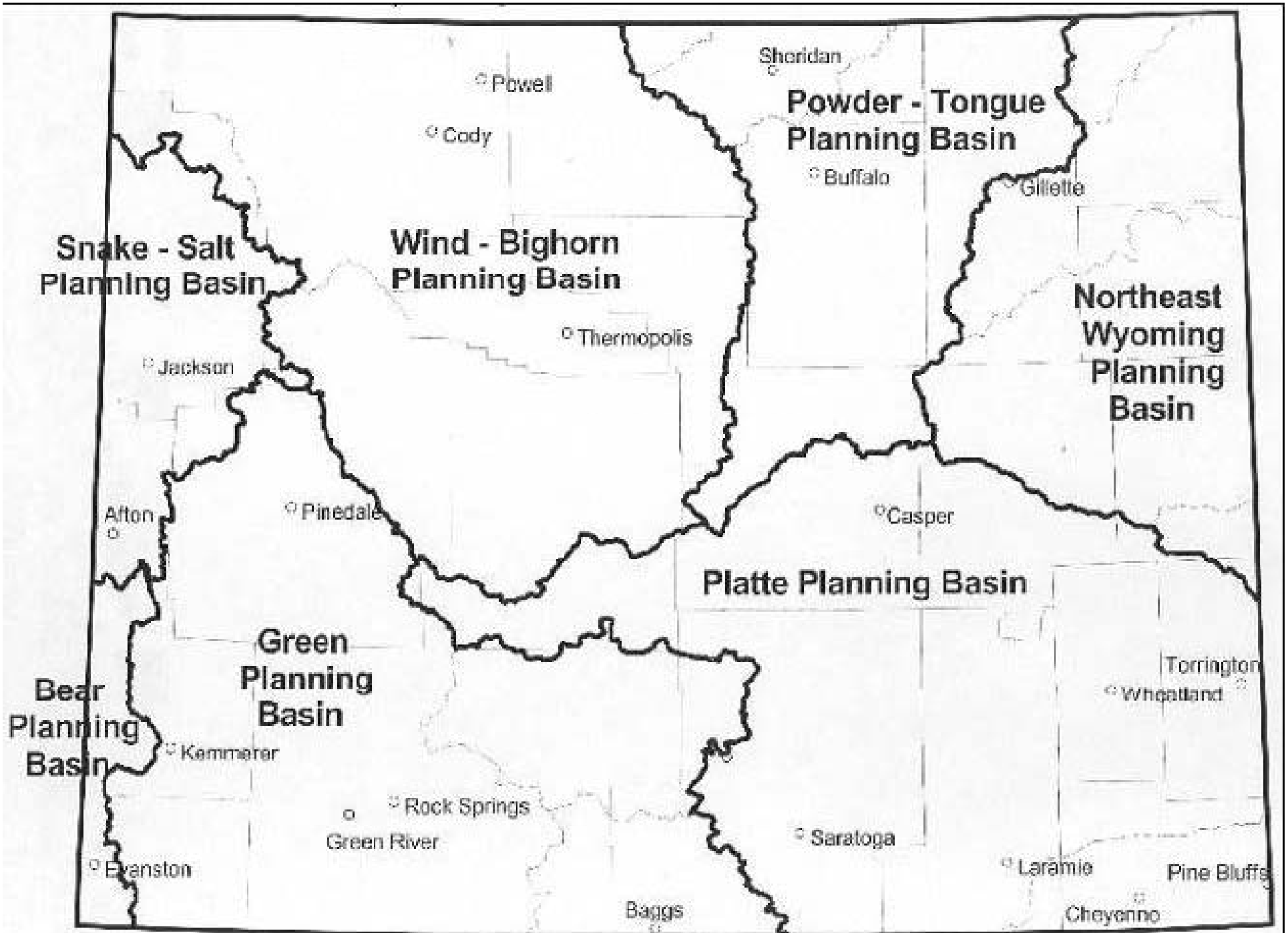
Update

## Wyoming's River Basin Planning Process

- River Basin Planning was completed in the 1970s
- In the mid-1990s it was determined that up-dated plans were needed
  - In 1996 the Legislature directed the WWDC and the SEO to develop a proposal for up-dating the state water planning process.
  - A pilot study was conducted in the Bear River in 1997 and a State Water Planning Process Feasibility Report was prepared in 1998

## Wyoming's River Basin Planning Process

- In 1999 the State Water Planning Process was formally authorized by the legislature and the WWDC established a River Basin Planning Section to implement the planning process.
- The legislature also provided funding to initiate the first basin plans. The Bear River Basin Plan and the Green River Basin Plan were the first basins studied.



## Wyoming's River Basin Planning Process

- Bear River Basin – 2001
- Green River Basin – 2001
- NE River Basins –  
2002
- Powder/Tongue River  
Basin – 2002
- Wind/Bighorn River Basin  
– 2003
- Snake/Salt River Basin –  
2003
- Platte River Basin – 2006



## Second Phase of the River Basin Planning Process

- Update the Plans (include recent drought)
- Focus on Groundwater
- Increase Accuracy of Spreadsheet Models
- Develop Strategies to Address Basin Issues
- Incorporate Data from Level I and II Studies



## Second Phase of the River Basin Planning Process

- Basin Plan Updates and Reviews
  - Green River Basin Plan Update 2007 – 2010
  - Wind/Bighorn Basin Plan Update 2008 – 2010
  - Bear River Basin Review 2011
  - Snake/Salt Basin Review 2012?



## Second Phase of the River Basin Planning Process

- Basin Groundwater Analysis and Studies
  - Green River Basin Groundwater Study
  - Wind/Bighorn Basin Groundwater Study
  - Platte River Basin Groundwater Study
  - Bear River Basin Groundwater Study
  - Snake/Salt Basin Groundwater Study

## Second Phase of the River Basin Planning Process

<b>Water Remaining Under Normal Hydrologic Conditions in the Wind/Bighorn River Basin</b>	
<b>Basin Plan Date</b>	<b>Acre feet per Year</b>
2003 Plan	2,491,500
2010 Plan	2,377,100

## Second Phase of the River Basin Planning Process

### Green River Decision Support System Feasibility Study

What is needed to establish a DSS

How should a DSS be set up

What are the alternatives

What are the costs and staff requirements

## Second Phase of the River Basin Planning Process

- Basin Planning Environmental and Recreation Study
  - This study is to help refine the statewide water planning process to better address environmental and recreational water uses.
  - Environmental and recreational uses have been considered but the data are hard to find and difficult to interpret.





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## Questions