

WRDS

*Water Resources Data System for
the State of Wyoming*

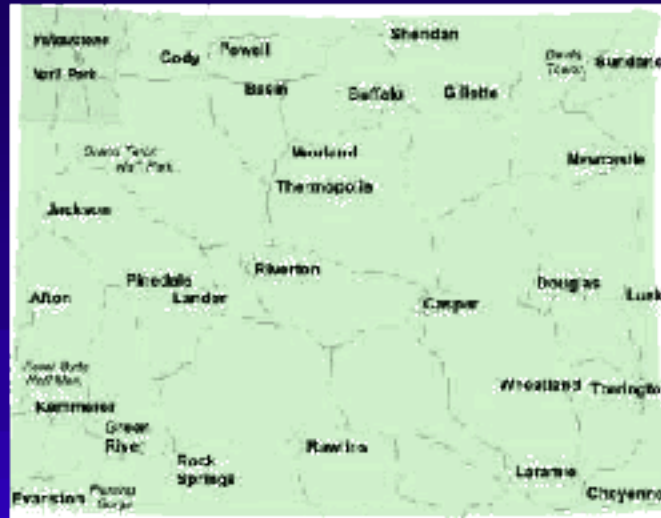


Department of Civil & Architectural Engineering
University of Wyoming

Today's talk . . .

- Geographic information about Wyoming
- Internet access in Wyoming
- Overview of WRDS, our spatial data and how we deliver that to Wyoming

Geographic Information about Wyoming



Size:	97,914 square miles, 9th largest state
Population (1990):	453,588
Largest town:	Cheyenne - 50,000
Smallest town:	Many with populations under 100
Avg. annual precipitation:	14.5 inches
Highest point:	Gannett Peak - 13,804 feet
Lowest point:	3,100 feet at the Belle Fourche River
Major industries:	Minerals, tourism and agriculture

Wyoming and the Internet

- University of Wyoming T3
- State of Wyoming T1
- County Libraries 56k baud - T1
- Public 14.4k baud - 48k baud
with the promise of DSL



Wyoming Libraries and GIS

- Libraries are gradually upgrading to P3 computers.
- State Library is working with County Libraries and ESRI to place GIS software in libraries across Wyoming.
- For more information contact:
 - ✓ Mary Lynn Corbett, Lincoln County Library, 877-6961
 - ✓ Dale Collum, Uinta County Library, 789-2770
 - ✓ Emily Sieger, State Library, 777-6955



The Water Resources Data System ...

... provides hydrological and climatological data as a service to the public and to federal, state, and local agencies. We are a database offering extensive historical and current spatial data in digital and hard copy formats. WRDS is located in the Department of Civil and Architectural Engineering at the University of Wyoming, and is primarily funded by the Wyoming Water Development Commission.



WRDS -- Online Data

- Climate
- Surface Water
- Water Quality
- Well Water Levels
- Snow Course
- Water Bibliography



Also Available through WRDS

- Cooperative Data Postings
- Alternate data systems
- Water Library



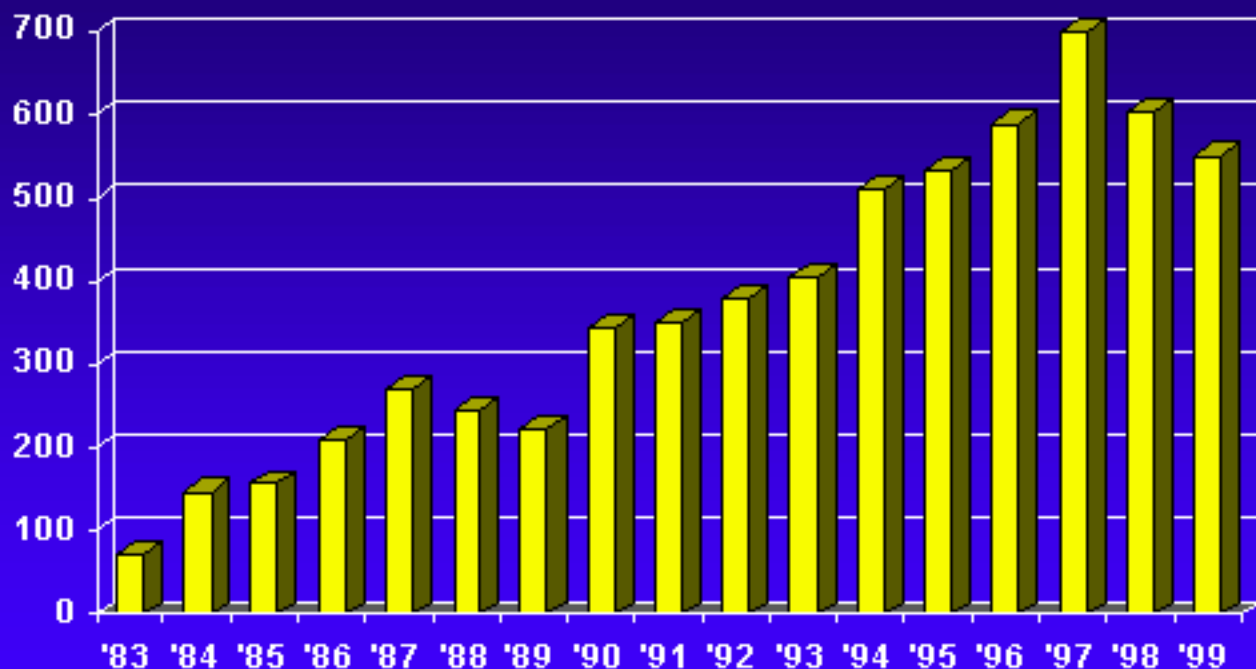
WRDS Requesters



- Federal Agencies
- State Agencies
- Counties
- Municipalities
- Educational Institutions
- Private Firms
- Industry
- Private Citizens

WRDS

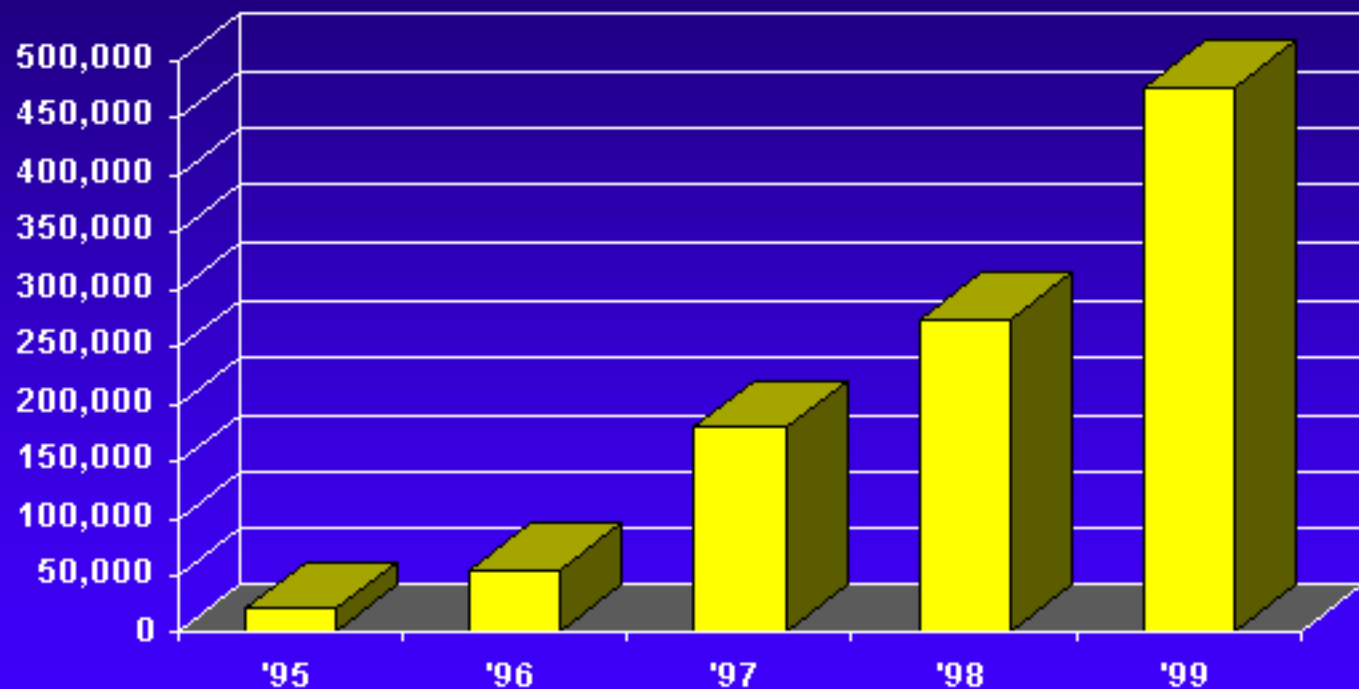
Yearly "In-Person" Request Totals *



* Includes requests via phone, FAX, e-mail, and office visits

WRDS

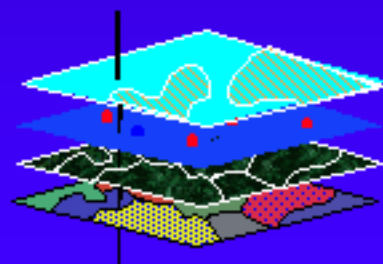
Yearly Web Page Accesses *



* Does not include accesses by WRDS staff or access to image files

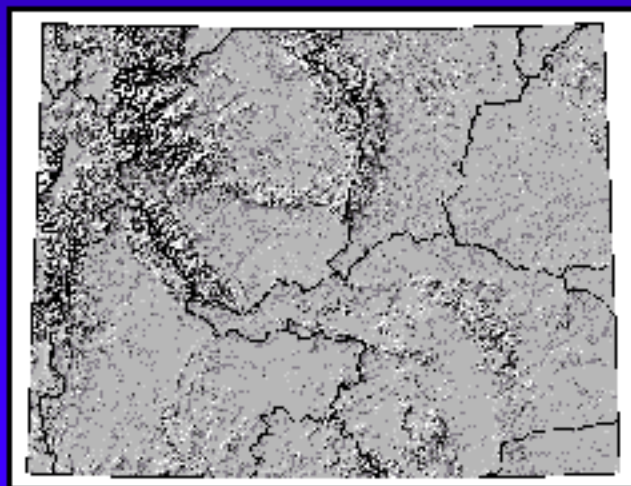
WRDS & The State Water Plan

- The Statewide Planning products will be maintained on the WRDS server and accessible or available in a variety of formats (i.e. static documents, downloadable files, and CDs)
- Products will include:
 - ✓ Water use inventories and maps
 - ✓ Water flow data
 - ✓ Demand Projections
 - ✓ Future Water Use Opportunities



Statewide Data Inventory

- Water and climate data
- Point attribute data & coverages
- Agency and product index
- 2000+ inventory pages online



WRDS...

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