



Water Data Exchange (WaDE) Update

WSWC Summer 2015 Meeting
Stateline, NV

July 9, 2015

Progress

Three states flowing data...



Colorado are
data

Learn
perform

optimization

More

no,

Oregon, Oklahoma, Nebraska

Progress

Received “tentative award” of FY2015 EN Grant funding for CA, SD, NV, and WSWC

- Portal “Release Party” at WGA Winter Meeting in December

Western States Water Council

Water Data Exchange (WaDE) Central Portal - Beta

The Western States Water Council (WSWC), in cooperation with the Western Governors' Association (WGA), the U.S. Department of Energy (DOE), the DOE National Labs (led by the Sandia National Lab), and the Western Federal Agency Support Team (WestFAST) have created a data exchange pilot to provide better access to water allocation and administration, water supply, and water use data that are generated by western states.

The portal works by maintaining a central data catalog for regions within each state. Clicking on the catalog link accesses the GetCatalog webservice, which retrieves an up-to-date listing of the types of data that are shared by water agencies/organizations within the region.

Clicking on links within the catalog allow a user to retrieve those datasets directly from the state agency and view basic data as a webpage. More extensive data can be accessed within the underlying XML data retrieval.

HOW DOES IT WORK?

The diagram shows a user interacting with a map of the western United States. A green box highlights a region in the central-western part of the map, covering parts of Nevada, Utah, and Colorado. Arrows indicate the flow of data from the map to a catalog, and then from the catalog to a data retrieval process.

Map labels include: UTAH, WYOMING, NEBRASKA, KANSAS, NEVADA, COLORADO, NEW MEXICO, ARIZONA, CALIFORNIA, GREAT PLAINS, SAND HILLS, SACRAMENTO MOUNTAINS, and UNITED STATES.

Map features include: Boise, Salt Lake City, Cheyenne, Denver, Santa Fe, Albuquerque, Phoenix, Tucson, El Paso, Ciudad Juarez, Amarillo, Oklahoma City, Fort Worth, Dallas, and San Diego.

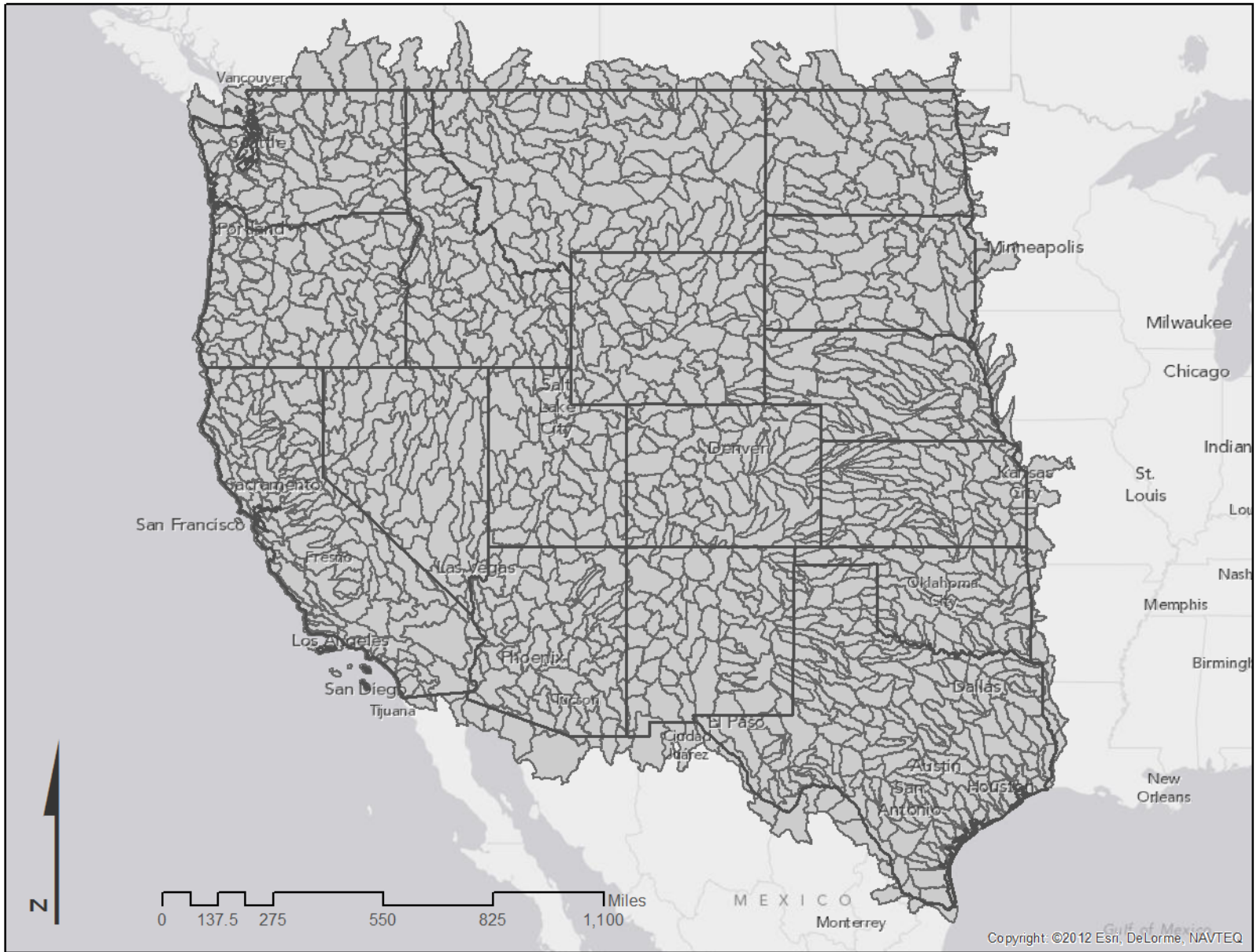
Map scale: 1:10,000,000

Map data: Esri, DeLorme, FAO, USGS, NOAA, EPA, NPS

Outreach & Collaboration

- Open Water Data Initiative (OWDI) – water supply/drought case study
- Water Data Quality and “Fitness of Use”
- JAWRA Paper
- USGS Congressional Briefing in July

$$\text{VALUE} = (\text{Data} * \text{Quality})^{\text{SHARED}}$$



Copyright: ©2012 Esri, DeLorme, NAVTEQ

NWUIP/WUDR

WUDR Program Timeline:

- July 30th for initial scoping/evaluation funding – 26K
 - Fall 2015 – Utilize scoping funds, develop proposals
 - December 2015 – publishing of the solicitation at Grants.gov – submit by ?
 - April 2016 – awards announced
- State partner grant applications are possible

WaDE Program Information

www.westernstateswater.org/wade

OR email Sara: saralarsen@wswc.utah.gov

OR call 801-685-2555

QUESTIONS?