

US Population Wants to Live In Water Scarce Regions

- 49 of 50 Fastest Growing Cities are located in the South and the West
- Retiring Baby Boomers are relocating to the Coasts



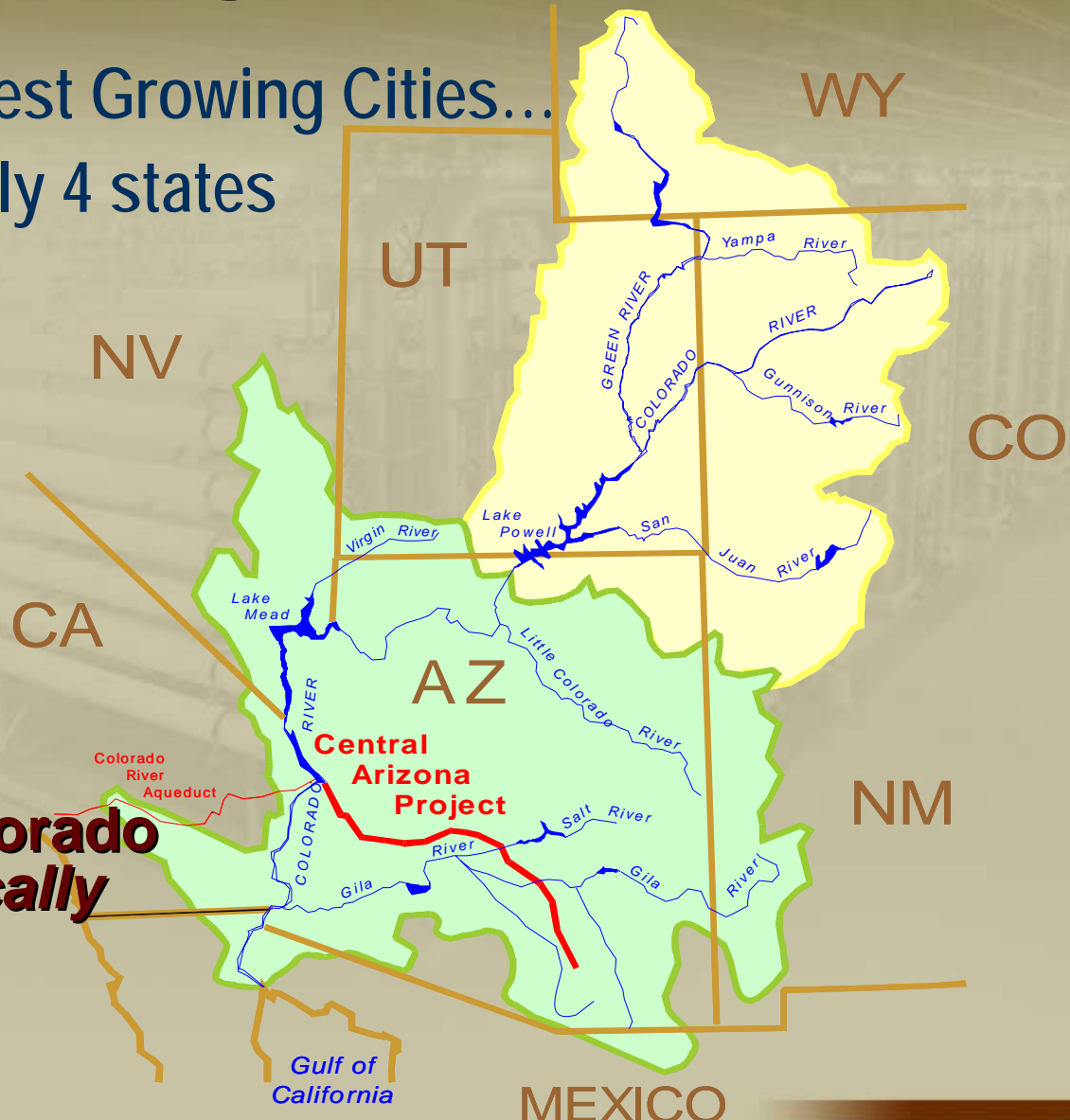
(Sioux Falls if you are wondering)

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- Of the 25 Fastest Growing Cities...
- ...20 are in Only 4 states

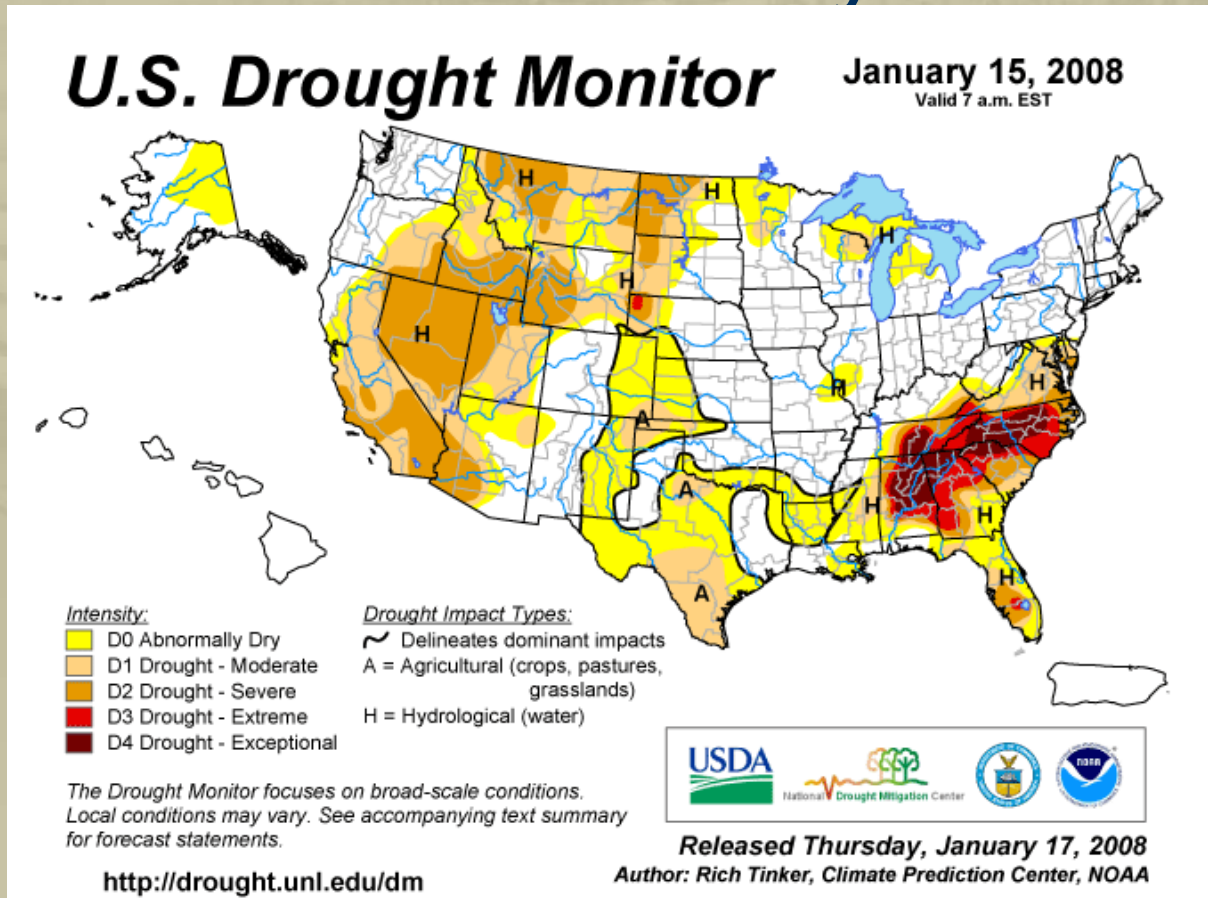
10 in California
 4 in Arizona
 3 in Nevada
 3 in Texas

US...And the Colorado River is *Dramatically* Over-Allocated



Drought, Growing & Migrating Population w/o New Water Supplies Creates Challenges For Everyone

- States Competing with Each Other
- Hidden/Subtle Threat to US Economy



Desal Was Developed Globally...

- Over 12,000 Desal Plants World-wide, Producing 7 *billion* gpd (60% in Mid-East)
- Australia, Spain, India, Mexico, North Africa, China
- 2000 plants in NA (Florida, Caribbean)

Largest Desal Plants in the World

<u>Plant Name</u>	<u>Country</u>	<u>Cubic meters per day</u>
Shuaiba	Saudi Arabia	880,000
Ras Al-Zours	Saudi Arabia	800,000
Al Jobail II Ex	Saudi Arabia	730,000
Jabel Alim	United Arab Emirates	600,000
Al-Zour North	Kuwait	567,000

...But Has Now Arrived in the US!

- 20 SW Desal Plants in Planning Stages in Calif
- 30 More Throughout US (Brackish & SW)



**Total Planned
Desalination
Capacity of 400 to
500 MGD;**

**Would Supply 5 to 8%
of California Water by
Year 2020;**

**Carlsbad & Huntington
Beach Plants
(50 mgd each)**