

SOUTHERN NEVADA

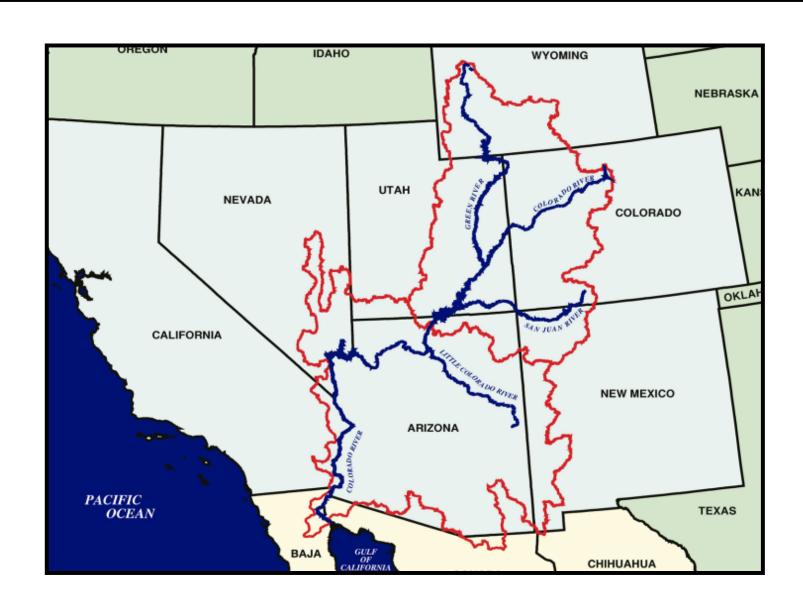




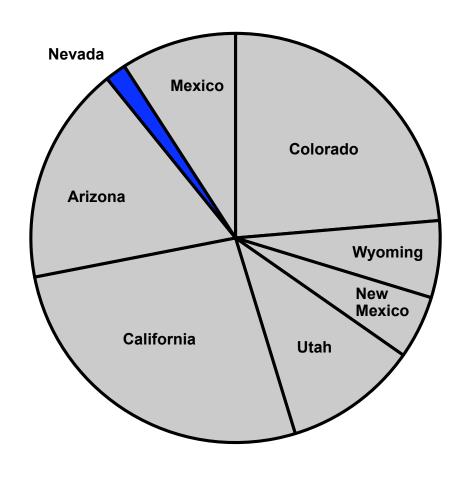




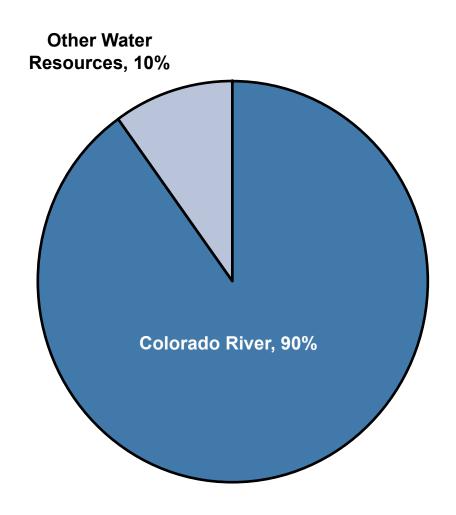
COLORADO RIVER BASIN



COLORADO RIVER ALLOCATIONS

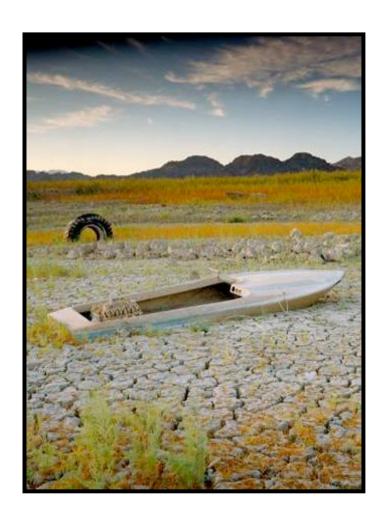


SOUTHERN NEVADA'S WATER RESOURCES



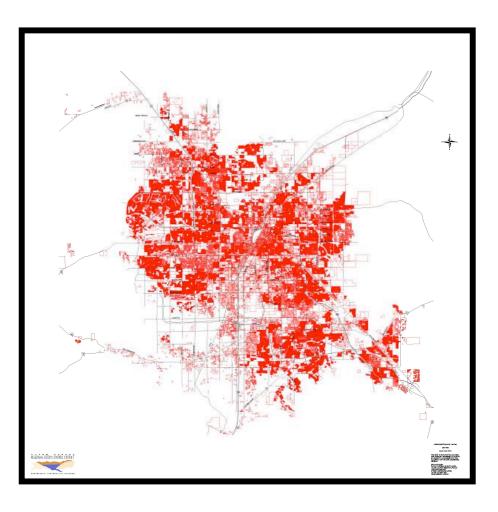
MAJOR CHALLENGES

- Growth
- Drought
- Climate Change



CHALLENGES

In the 1990's Southern Nevada hit a crisis point: additional water was needed to meet growing demands.



Population

1950 - 47,000

1960 - 116,000

1970 - 270,000

1980 - 444,000

1990 - 800,000

2000 - 1,300,000

INNOVATIVE SOLUTIONS

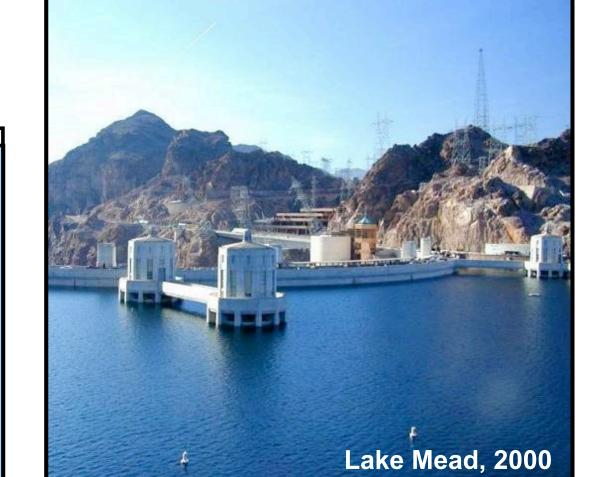
Southern Nevada forged innovative partnerships, utilizing temporary resources until permanent non-Colorado River resources could be developed.

- Water Banking
 - Local
 - Interstate
- Interim Surplus



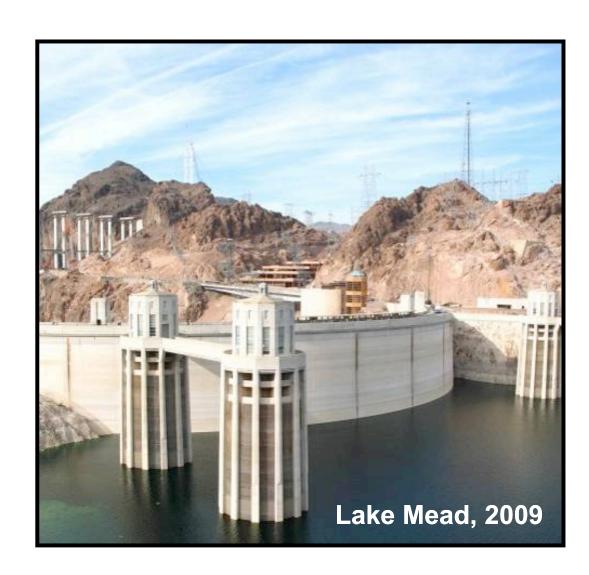
Dead Horse Point, Colorado River (Utah)

COLORADO RIVER DROUGHT



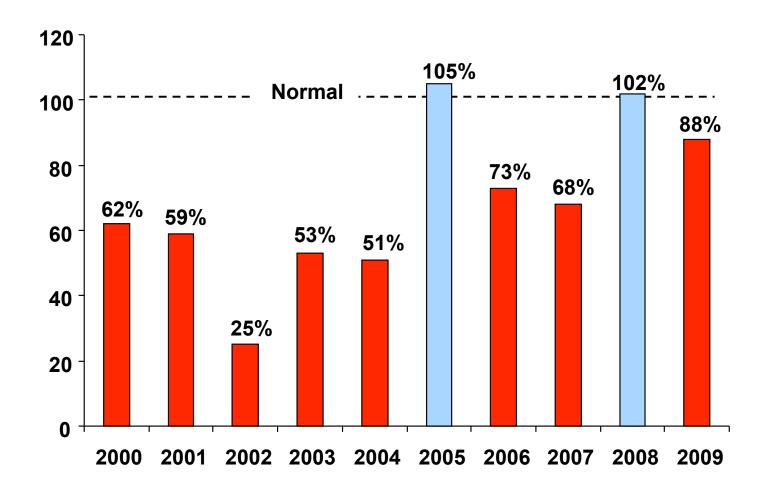
96%

COLORADO RIVER DROUGHT



42%

COLORADO RIVER DROUGHT



The 10-year historical average inflow to the Colorado River system was 69% of normal.

LOCAL RESPONSE - CONSERVATION

Conservation was Southern Nevada's first response to drought.

2003: Implemented drought plan

2004: Realized 25% conservation goal

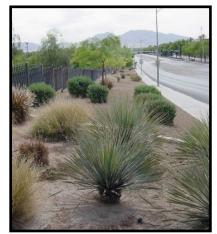
2005: Adopted new conservation goal

2008: Realized 250 GPCD goal

2009: Adopted new goal (199 GPCD by 2035)

Water consumption decreased by nearly 21 billion gallons between 2002 & 2008, despite a population increase of 400,000 during that span.

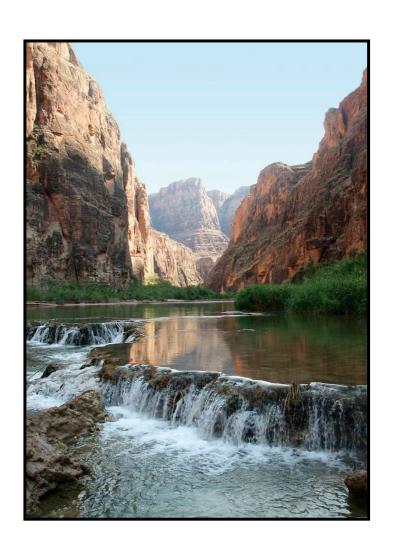




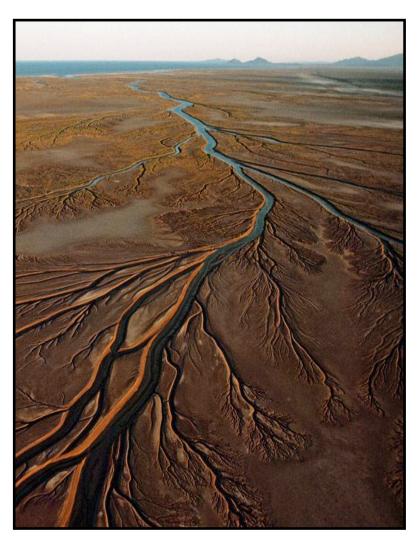
REGIONAL RESPONSE - INNOVATION

The Seven Basin states have worked over the last decade to implement innovative water solutions for the Colorado River.

- Rules for Surplus
- Shortage sharing
- Coordinated management



REGIONAL RESPONSE - PARTNERSHIPS



Colorado River Delta, Mexico

- Banking arrangements
- Shared facilities
- Augmentation study
- Collaborative protection of environmental resources

CLIMATE CHANGE

The uncertainties posed by climate change will require us to use many of the same tools that have allowed us to successfully address water resource challenges over the last decade.

- Conservation
- Innovation
- Partnerships





SOUTHERN NEVADA WATER AUTHORITY®