

CONGRESS

AND THE

COLORADO River



Los Angeles

San Diego

A LOWER BASIN PERSPECTIVE



OVERVIEW

of the

METROPOLITAN WATER DISTRICT

- 5,200 Square Miles Service Area
- 19 Million People Served
- 4 Million Acre Feet of Water Demand
- MWD Provides Half of Demand
- 900,000 Acre Feet from Sacramento River
- 1 Million Acre Feet from Colorado River

Los Angeles

San Diego

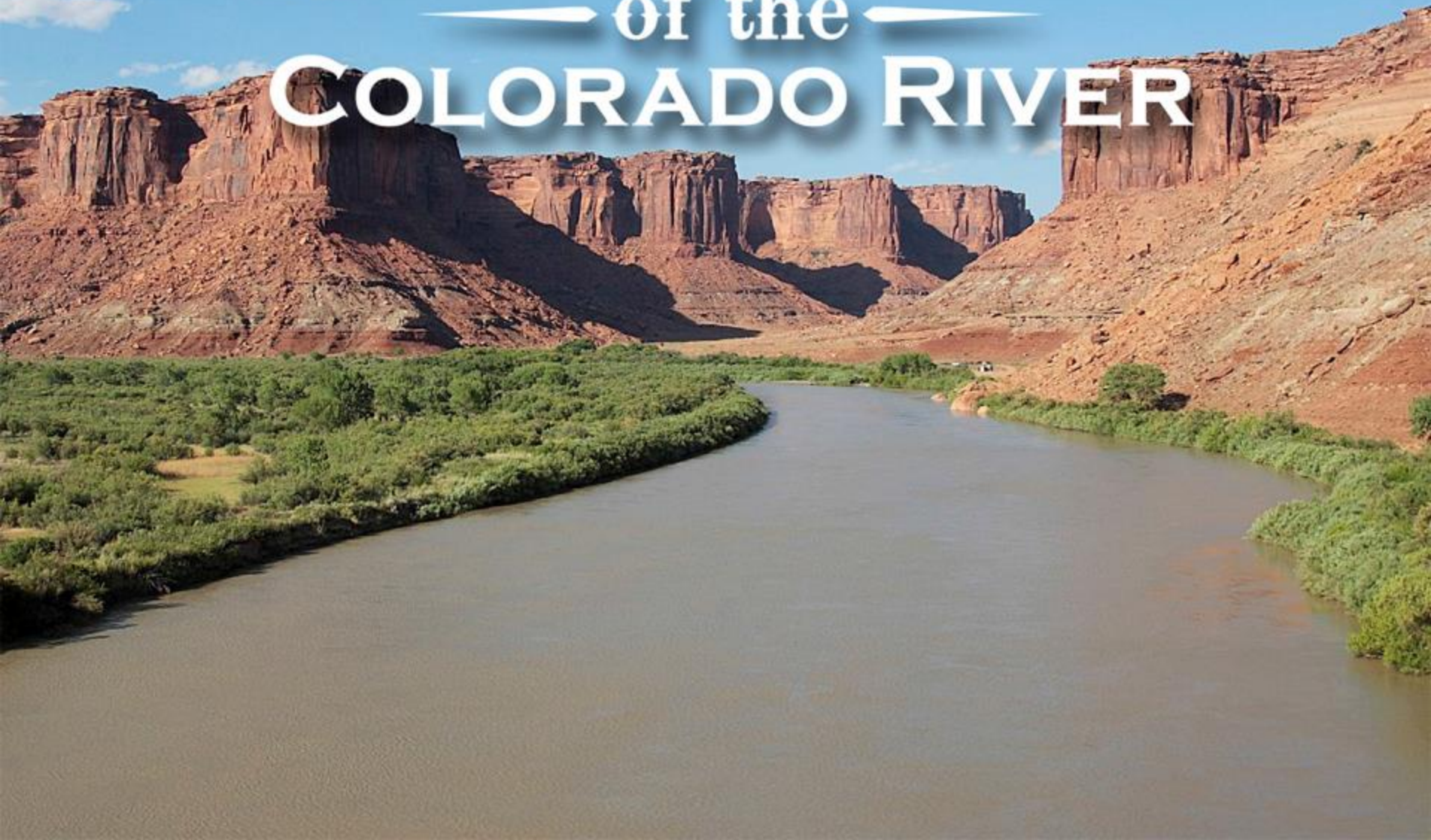
Colorado

Colorado

OVERVIEW

— of the —

COLORADO RIVER



OVERVIEW

— of the —

COLORADO RIVER

A River Subject to More Change Than Any Other



OVERVIEW

of the COLORADO RIVER

The Colorado River flows through the harshest land in America



OVERVIEW

— of the — COLORADO RIVER

The Colorado River flows through Seven States



OVERVIEW

— of the —

COLORADO RIVER

- Provides Water to 40 Million People in Two Countries
- Provides Water to 5.5 Million Acres of Farmland
- Crosses Through:
 - 22 Native American Tribal Lands
 - 11 National Parks
 - 7 Wildlife Refuges
 - 4 Recreation Areas

LEES



Ferry



OVERVIEW

— of the — UPPER AND LOWER BASINS

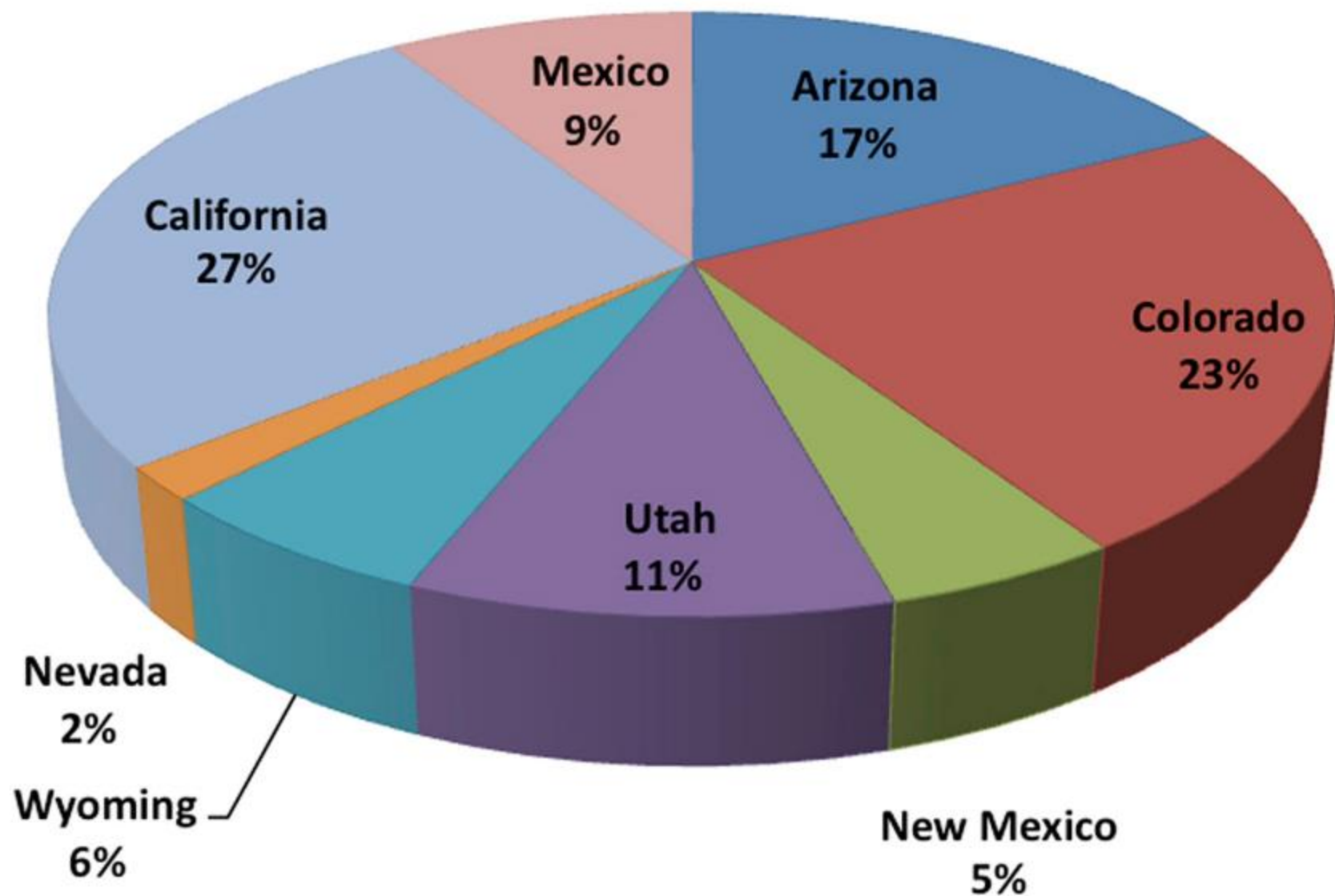
1944

Colorado River Compact

- Arizona (Ratified)
- Mexico Treaty (Relating To The Use Of:)
 - Colorado River
 - Tijuana River
 - Rio Grande River



Colorado River Apportionment



OVERVIEW

— of the — UPPER AND LOWER BASINS

1928

- Decided to Control the Mighty Colorado River
- Allow for Development of Water Supplies:
 - Central Arizona
 - Southern Nevada
 - Southern California
- Allowed for Development of Irrigation:
 - Imperial Valley
 - Coachella Valley
 - Yuma Area
 - Palo Verde Valley



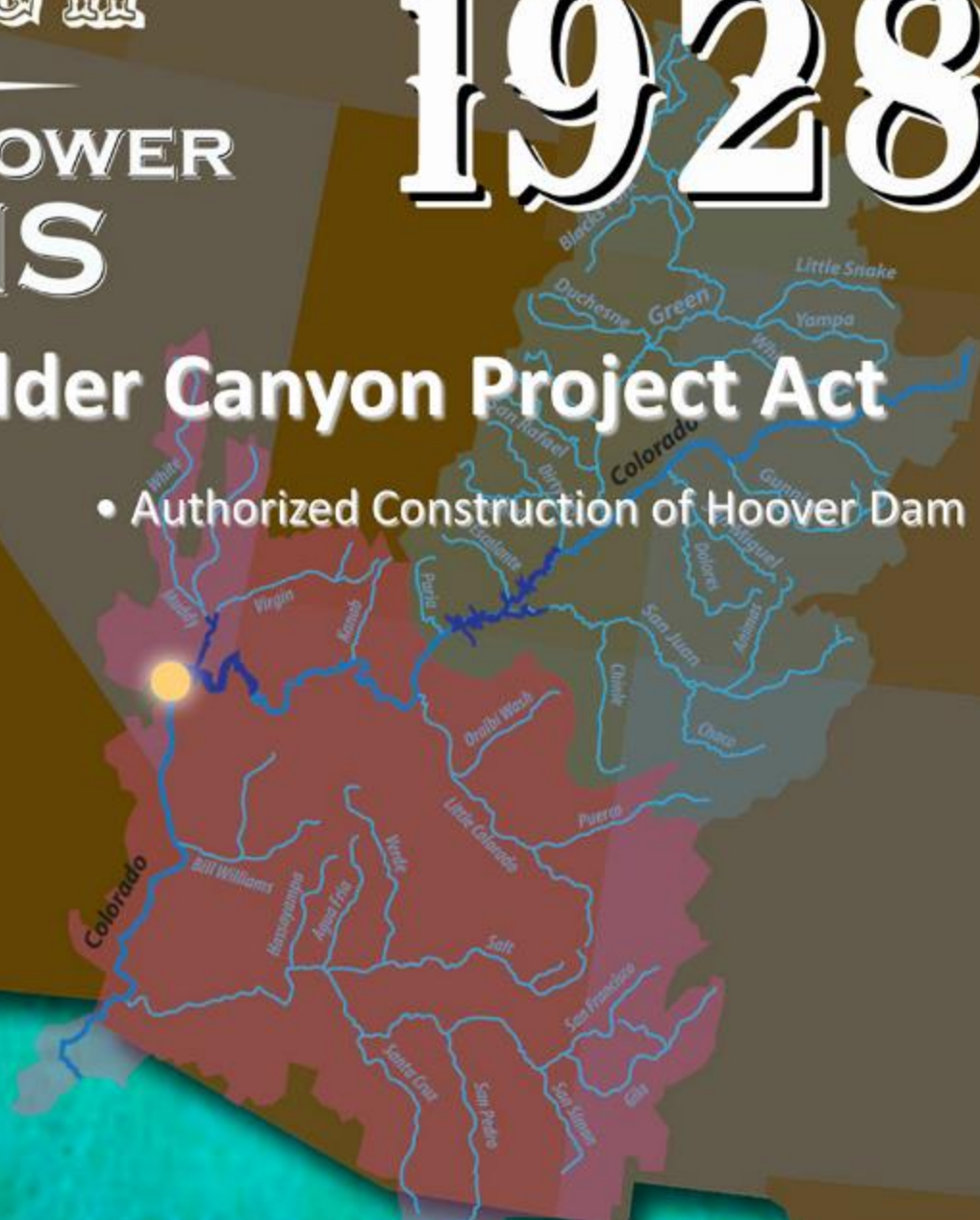
OVERVIEW

— of the —
**UPPER AND LOWER
BASINS**

1928

Boulder Canyon Project Act

- Authorized Construction of Hoover Dam





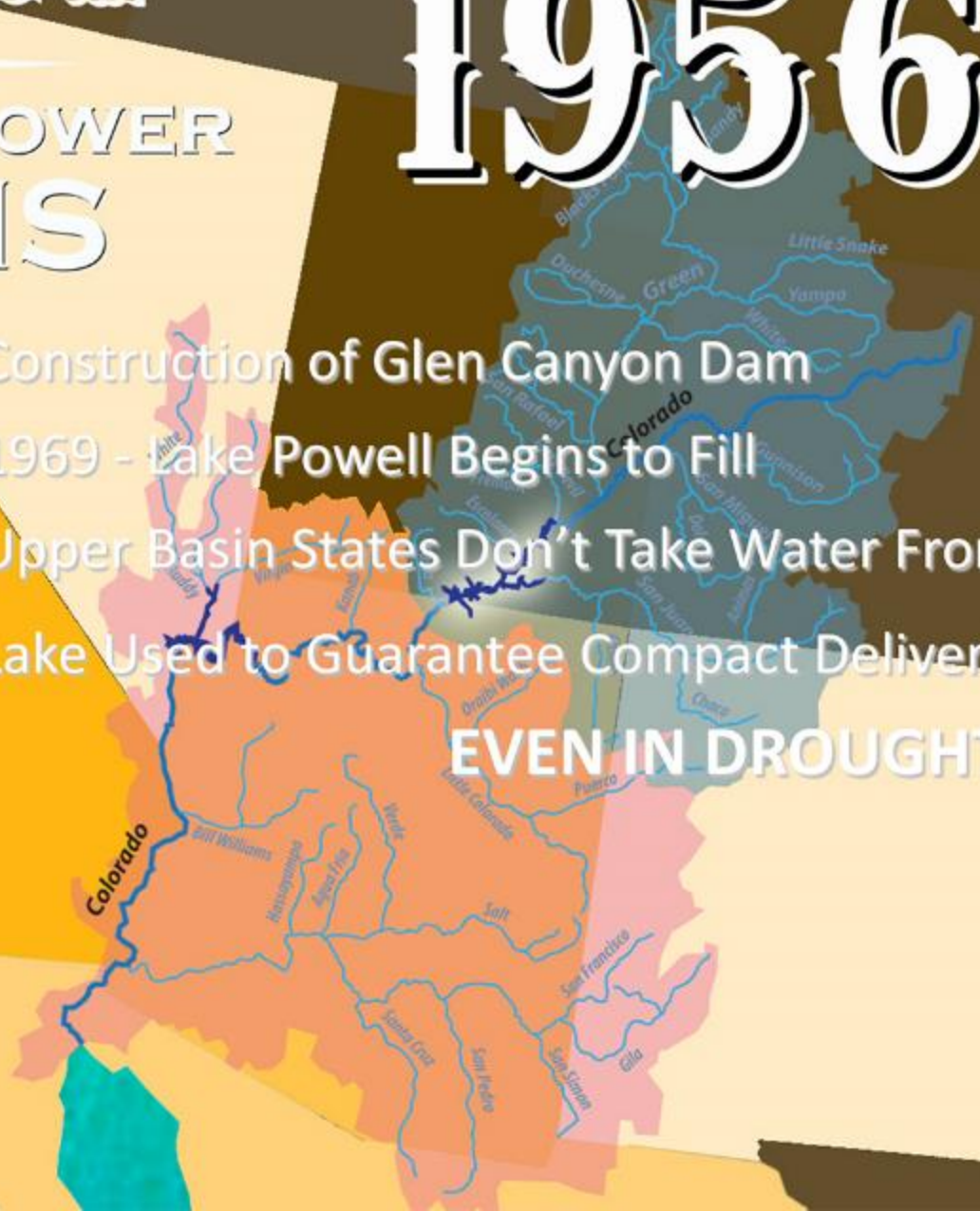
OVERVIEW

— of the — UPPER AND LOWER BASINS

1956

- Construction of Glen Canyon Dam
- 1969 - Lake Powell Begins to Fill
- Upper Basin States Don't Take Water From Lake
- Lake Used to Guarantee Compact Deliveries

EVEN IN DROUGHTS

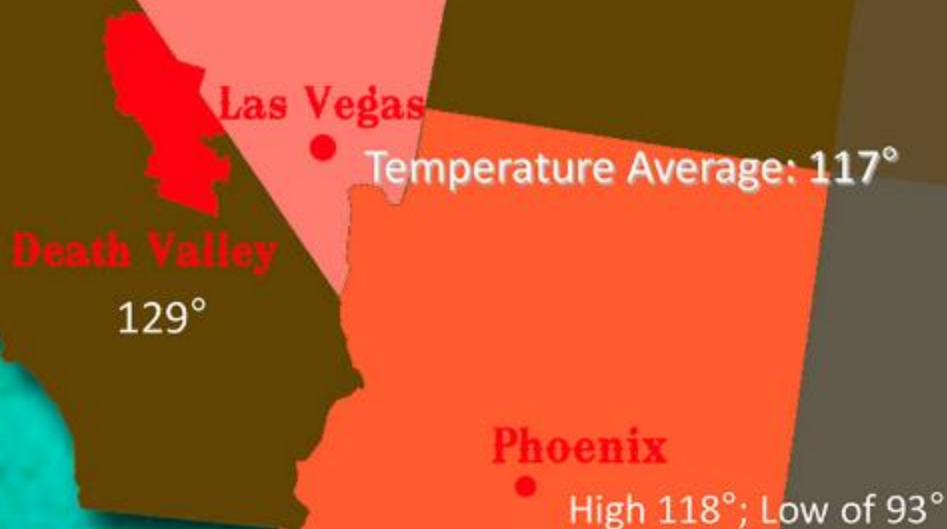


OVERVIEW

— of the — UPPER AND LOWER BASINS

Today

Western States in Grip of Heat Wave



the LOWER Basin

WHERE WE STAND

“Not Enough”

“Not Enough” is Just Around the Corner
We Don't Know When!

Los Angeles

San Diego

Colorado

Yuma

2 years?

5 years?

20 years or more?

Tucson

Las Vegas

Henderson

Lake Mead

White

St. George

Panguitch

Hatch

Lake Havasu City

Prescott

Scottsdale

Colorado

Moab

Grand Junction

Farmington



the LOWER Basin

WHERE WE STAND

“Not Enough”

The Basin Study Recommendations I Increase Supply

- Desalination of Groundwater and Ocean Water
- Increase Water Recycling
- Watershed Management
 - Weather Modification
 - Tamarisk Removal
 - Dust Control
- Importation
 - Mississippi River

the LOWER Basin

WHERE WE STAND

“Not Enough”

The Basin Study Recommendations II *Reduce Demand*

Los Angeles

M & I, Ag Conservation

Energy Efficiency

San Diego

Colorado

Yuma

Tucson

Scottsdale
Phoenix

Flagstaff

Las Vegas

St. George

Moab

Farmington

Colorado

Grand Junction



the LOWER Basin

WHERE WE STAND

“Not Enough”

The Basin Study Recommendations III *Modify System Operations*

Evaporation Control

Water Banking and Transfers



CONGRESS AND THE COLORADO River

A LOWER BASIN PERSPECTIVE



Conclusion

- The Colorado Basin Is The Lifeblood Of The American Southwest
- Adapting To Changing Conditions

From More Than Enough, To Just Enough, And Soon To Be Not Enough In A Short Timeframe

- The Basin Study Is A Call To Action



It Is Time To Work Together As A River Basin With Other Arid Western States To Meet Our Future Challenges