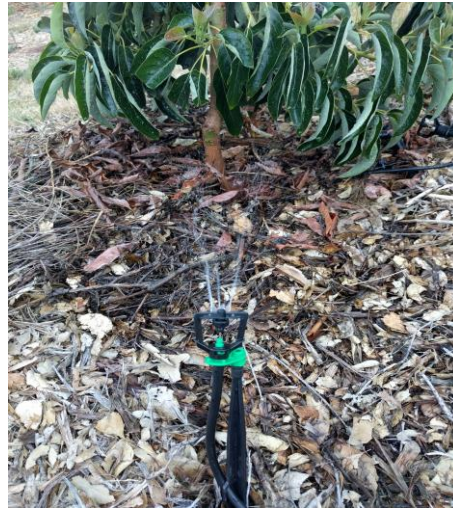


# WATER: SUPPLY UPDATE AND RUNOFF REGULATIONS

**Eric Larson**  
Executive Director



THE VOICE OF LOCAL FARMERS



# WATER Supply

THE VOICE OF LOCAL FARMERS



# WHAT WE KNOW: SOURCES

- Southern California has multiple imported sources
- IID water transfer ramping up to 200,000 AF
- Carlsbad desalination producing 50,000 AF
- San Diego “Pure Water” 30,000 AF by 2021
- Increase in recycled water to farms planned



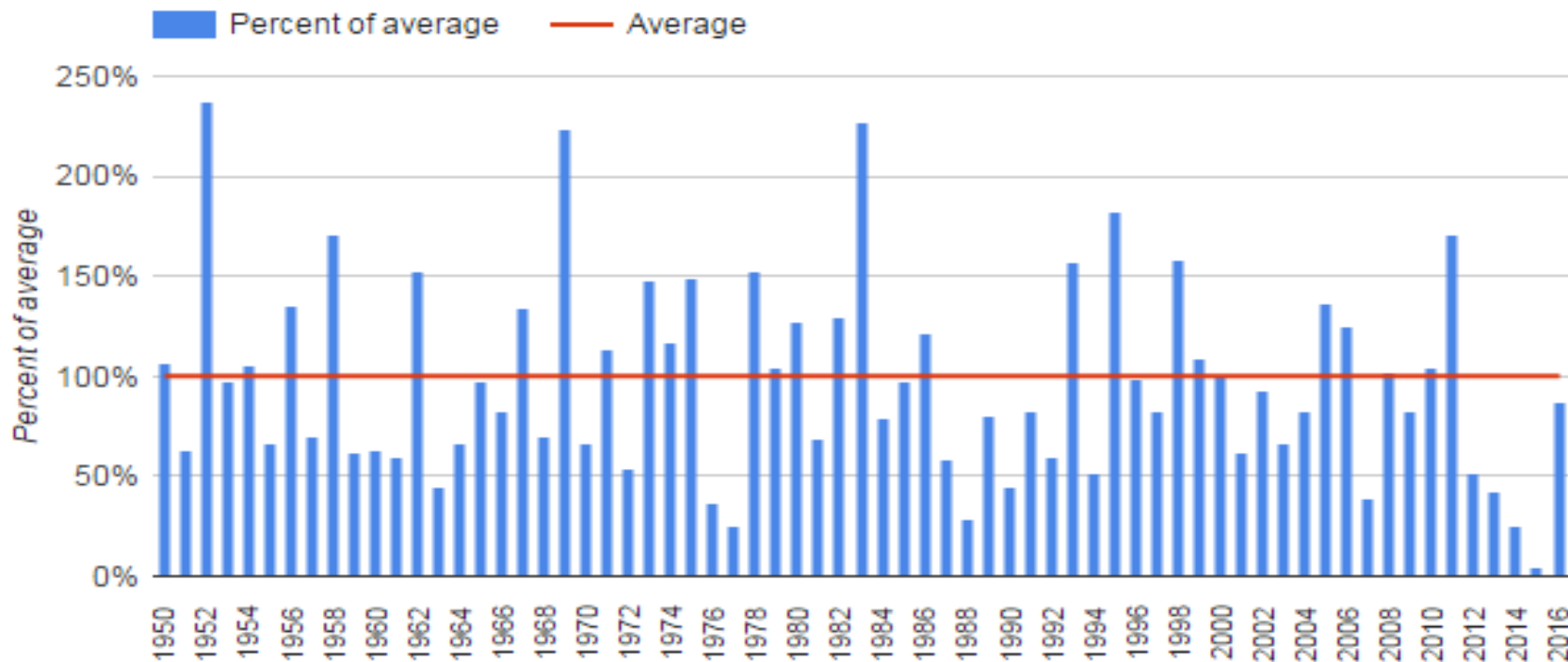
THE VOICE OF LOCAL FARMERS



# WHAT WE KNOW: NORCAL

- Very wet in 2017
- Return to dry in 2018
- Reservoirs near historical averages for this date
- State projects
  - Oroville spillways repaired
  - Sites Reservoir construction 2022-2029
  - Delta “Tunnels” continue to be debated

## California April 1 average snowpack



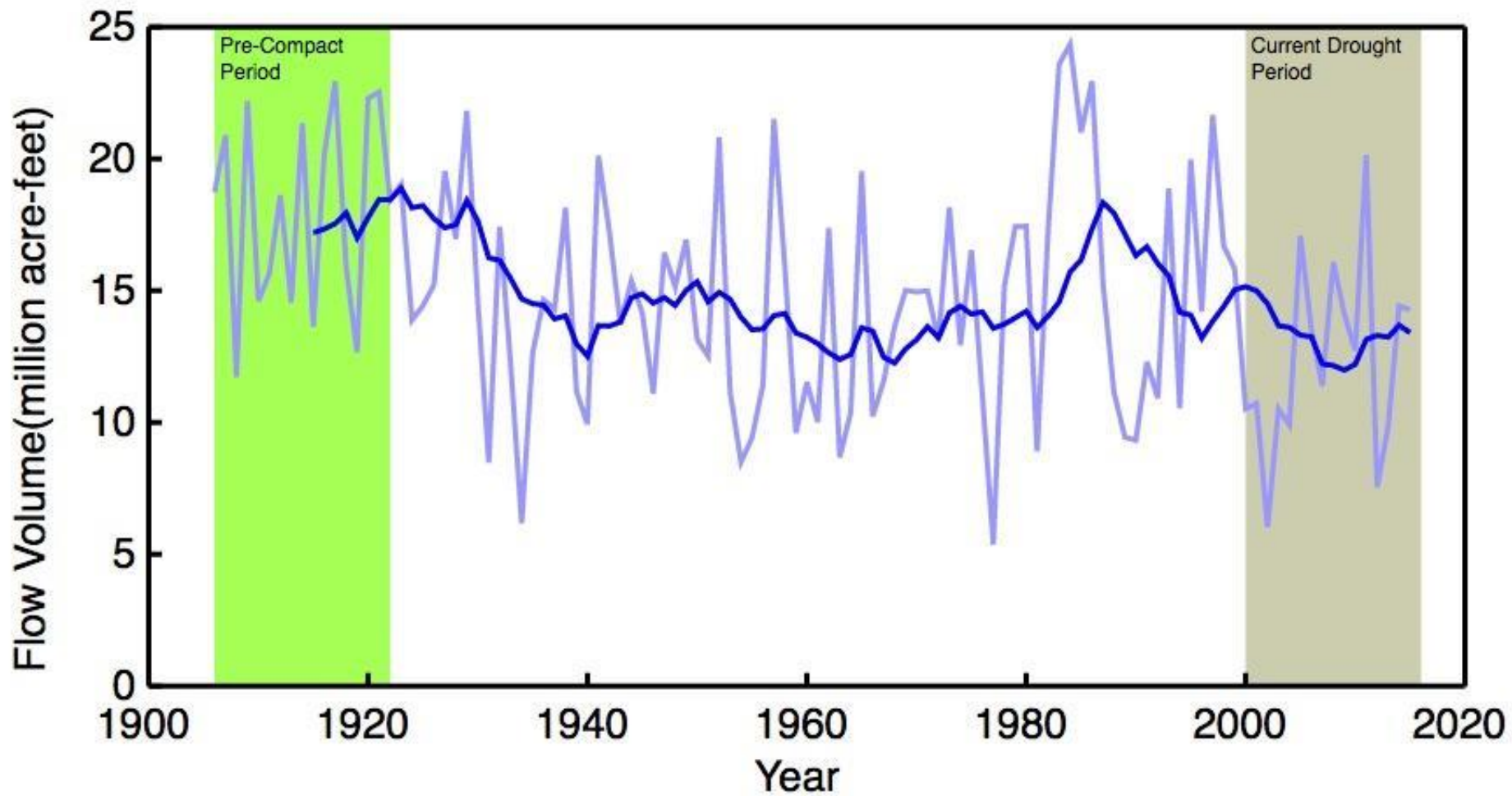
Source: California Department of Water Resources

THE VOICE OF LOCAL FARMERS



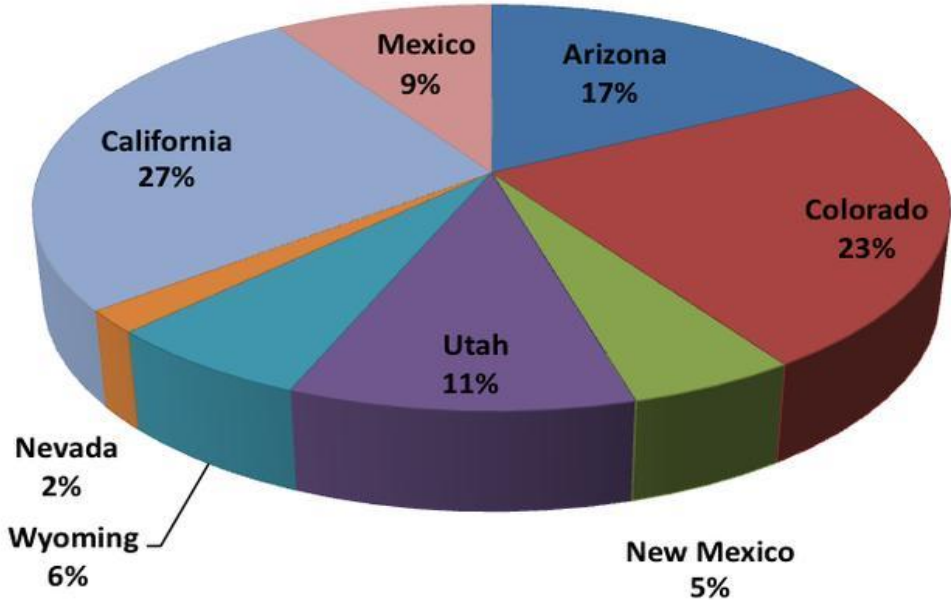
# WHAT WE KNOW: COLORADO RIVER

- Total system at 46% of capacity
- Planning started for reduced deliveries
  - 52% chance 2020
  - 64% chance 2021
  - 68% chance 2022
- Nevada, Arizona, Mexico take first cuts
- California offering voluntary 6%





# Colorado River Apportionment



THE VOICE OF LOCAL FARMERS



# WHAT WE KNOW: 2019

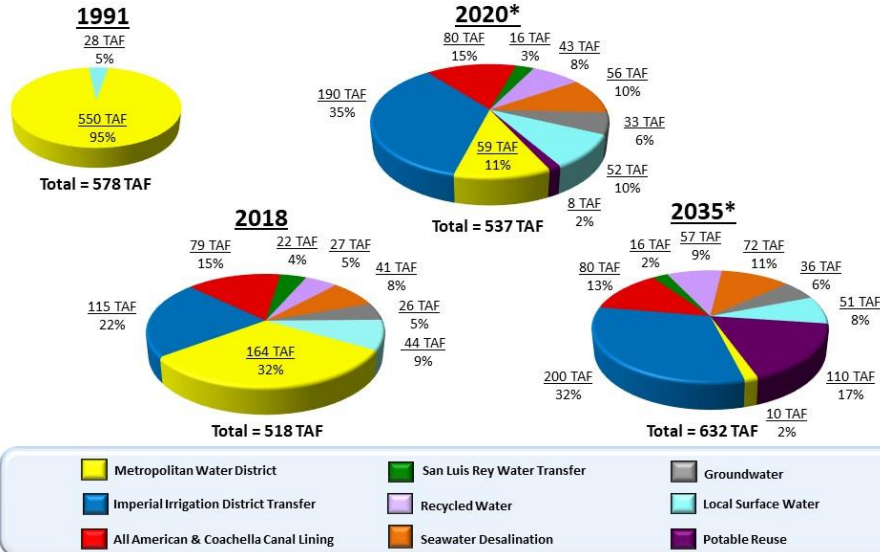
- Barring catastrophe, no supply issues
- Prediction for a weak El Niño system
- National Weather Service
  - Warmer than average winter
  - Rainfall at or just below average

# WHAT WE DON'T KNOW

- Does El Niño mean anything as a predictor?
- Will 2018-19 precipitation help stave off future supply curtailments?
- Was 2018 the start of another drought?
  - 10 of last twelve years were dry
- Can Colorado River over-allotment be resolved?

# WHAT WE KNOW: FUTURE

## Increasing San Diego County's Water Supply Reliability through Supply Diversification



\* Based on Interim Demand Forecast Reset and includes verifiable and additional planned local supply projects from 2015 UWMP (TAF=Thousand Acre-Feet)

THE VOICE OF LOCAL FARMERS



# WATER

## Runoff

THE VOICE OF LOCAL FARMERS



# GENERAL ORDER FOR AGRICULTURE

- August 7, 2017 was compliance deadline
- Enroll in a third-party group or individual compliance
- Complete the Notice of Intent
- Create Farm Water Quality Protection Plan
- Site mapping to show significant features
- Penalty for late filers

# WHO MUST COMPLY

- Commercial agriculture, regardless of size
- File a Schedule F
- Have, or required to have, a site I.D. number issued by the county
- Receiving an agricultural water rate

# GROWER RESPONSIBILITIES

- Initial enrollment documents
- Implement and maintain best practices
- Quarterly self-inspections & annual report
- 2 hours of continuing education annually
- Pay third-party group fees
- Pay state fees



# THIRD-PARTY RESPONSIBILITIES

- Shepard members through process
- Act as interface with SD Water Board
- Submit documents on behalf of members
- Collect state fees from members
- Conduct water quality testing

# ENFORCEMENT

- San Diego Water Board sending “Directives”
  - Notice of requirement to comply
  - 30 days from date of letter
  - Subject to penalties