

# **San Diego County Water**

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# Farm Bureau

*The voice of local farmers*

- Volunteer-driven
- Local, state, and national representation
- Non-profit organization formed in 1914
- The source of information for members
- Interaction with agency officials
- Work with press and the public
- Develop member benefits

# Where So Cal Gets its Water



# What's up with Water Supply?

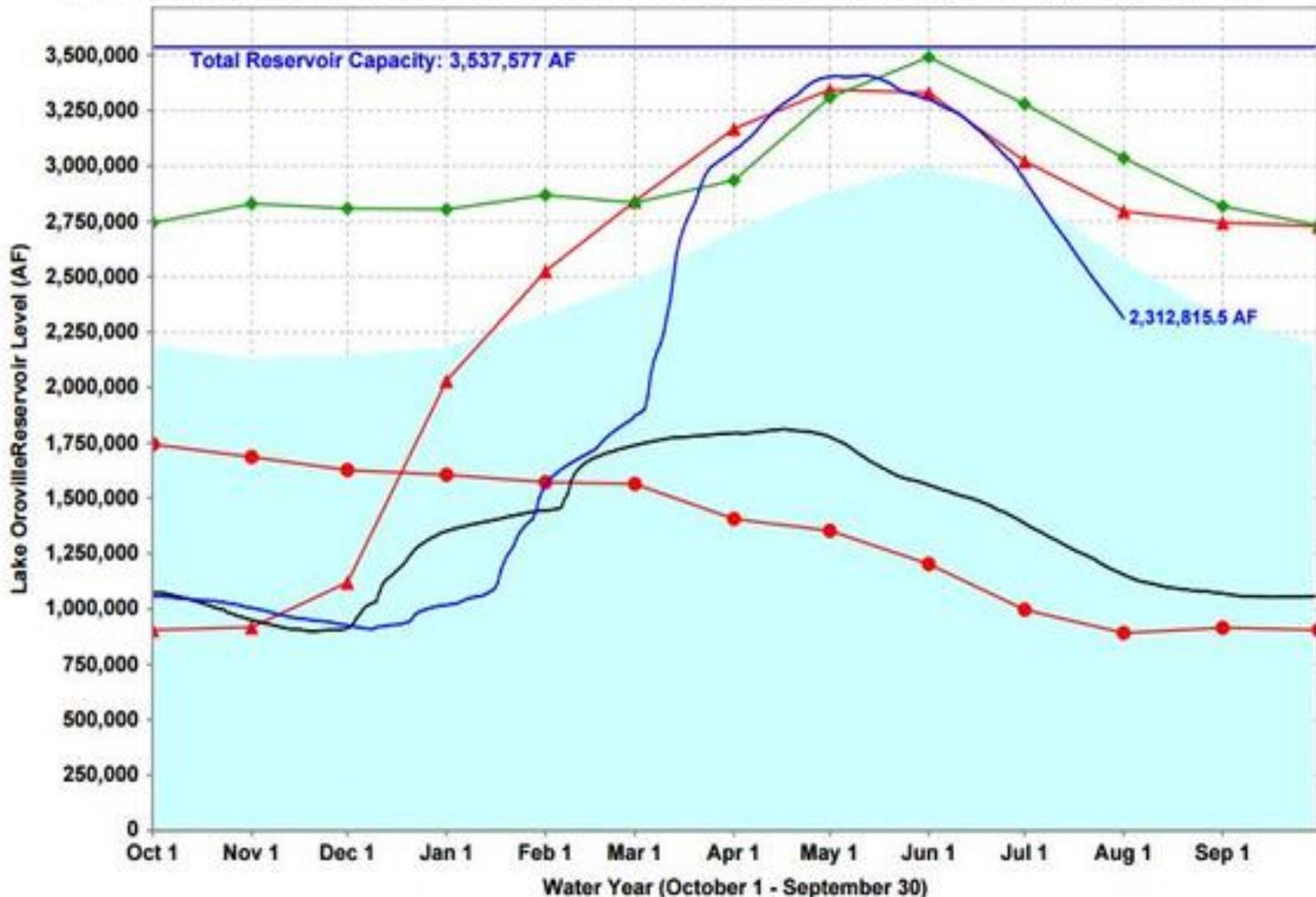
- Years of below average precipitation
  - Northern California
  - Colorado River Basin
- Less snow - melts earlier
- Court and agency decisions to protect Delta fish
- Fear of levee failure
- Over allocated sources
- Insufficient storage in state







Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight August 1, 2016



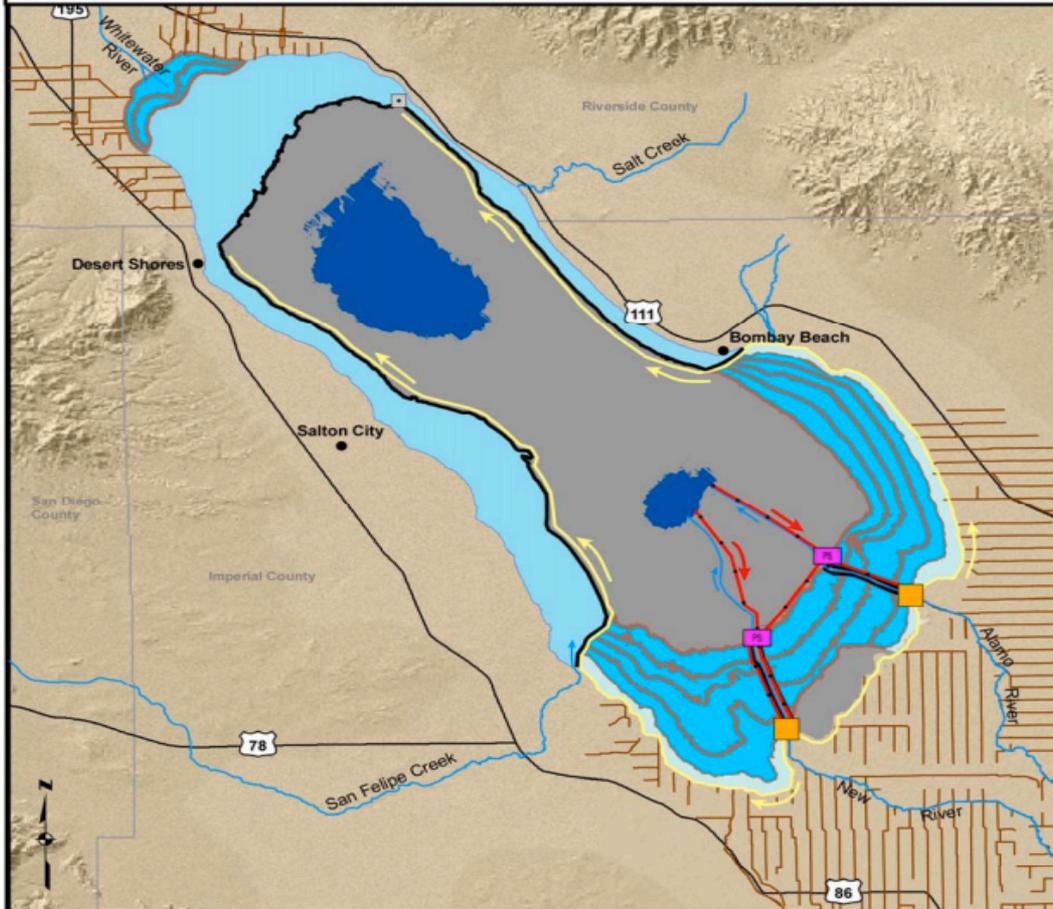
■ Historical Average   
 — Total Reservoir Capacity   
 ● 1976-1977 (Driest)   
 ▲ 1977-1978   
 ◆ 1982-1983 (Wettest)   
 — 2014-2015  
— Current: 2015-2016

# California Service Areas

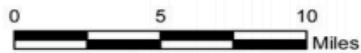


**LEGEND**

- |  |  |  |
|--|--|--|
|  Marine Sea             |  Overflow/Spillway                |  AQM Canal          |
|  Exposed Playa          |  Saltwater Pump Station           |  Saltwater Canal    |
|  Saline Habitat Complex |  Sedimentation/Distribution Basin |  River/Creeks       |
|  Brine Sink             |  Barrier                          |  Highways           |
|  Shoreline Waterway     |  |  Agricultural Drain |



Note: Arrows indicate direction of flow







# What Needs to Be Done

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- Salton Sea Solution
- Diversified Sources
  - Desalination
  - Potable Reuse
- Fix the Delta
- Build More Storage
- Conservation

# Water Pricing

- New sources of water are expensive
- Less water delivered by system means each gallon sold carries more costs
- Delta and storage fix will be costly and borne by ratepayers
- Had a tripling of price in 11 years

# 2016-2017

- Governor's emergency order rescinded
- San Diego declared to be “sufficient”
- Colorado River Supplies are currently secure
- NorCal – will it rain and snow?
- Colorado River – will it rain and snow?

# Farm Runoff Compliance

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- State and federal clean water rules
- Essentially, no pollutants can leave the farm in any form of runoff
- Local agriculture regulatory ramp-up
  - Exemption
  - Conditional exemption
  - Waiver No. 4
  - General Waste Discharge Requirement

# Who Must Comply?

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- Intent to make a profit
- File Schedule F
- Receive an ag water rate or variance
- Have (or required to have) an Operator Identification Number

# General Waste Discharge Requirement - 2017

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- Group or individual compliance
- Farm Water Quality Protection Plan
- Quarterly and annual self-inspections
- Wet and dry season nutrient testing
- Wet and dry season stream health testing
- Water well testing for nitrates
- Enforcement is high on Regional Board agenda

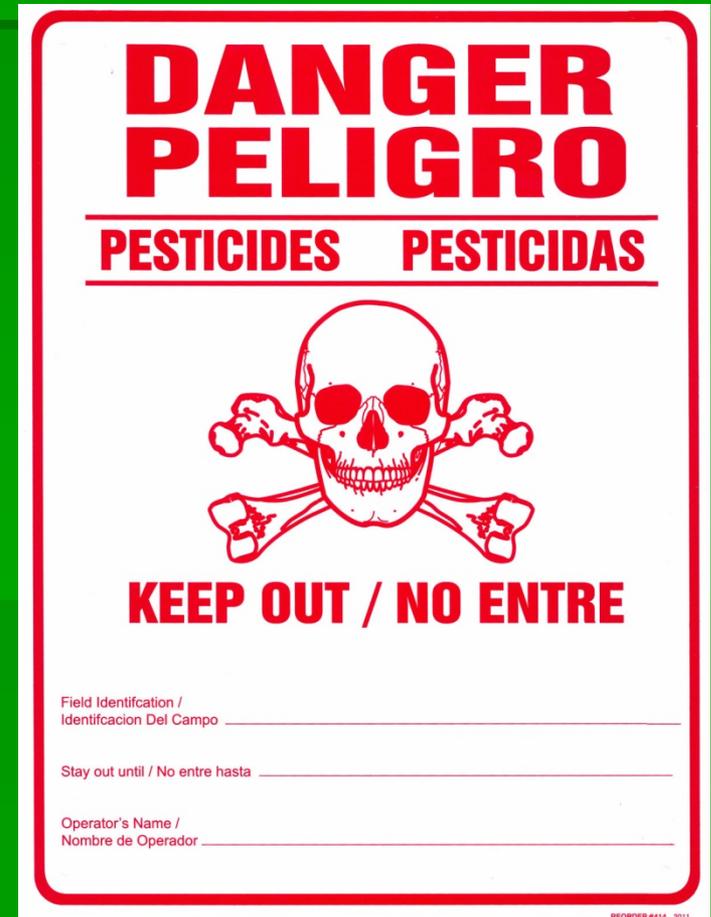
# Pests and Pest Exclusion

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- Traveling public introducing exotic pests
- Volume of uninspected packages
- Border priorities have shifted
- Agency budgets are a challenge

# Impact from New Pests

- Shipping restrictions for growers
- Additional use of pesticides
- Threat to organic growers



**Fruit flies**



**Light brown apple moth**



**Asian citrus psyllid**



**Kuroshio shot hole borer**

# County Ordinances

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- Land Use
  - Zoning
  - Grading and clearing
- Building
  - Barns, storage, cargo containers
  - Farmworker housing
- Agritourism
  - County working on code revisions