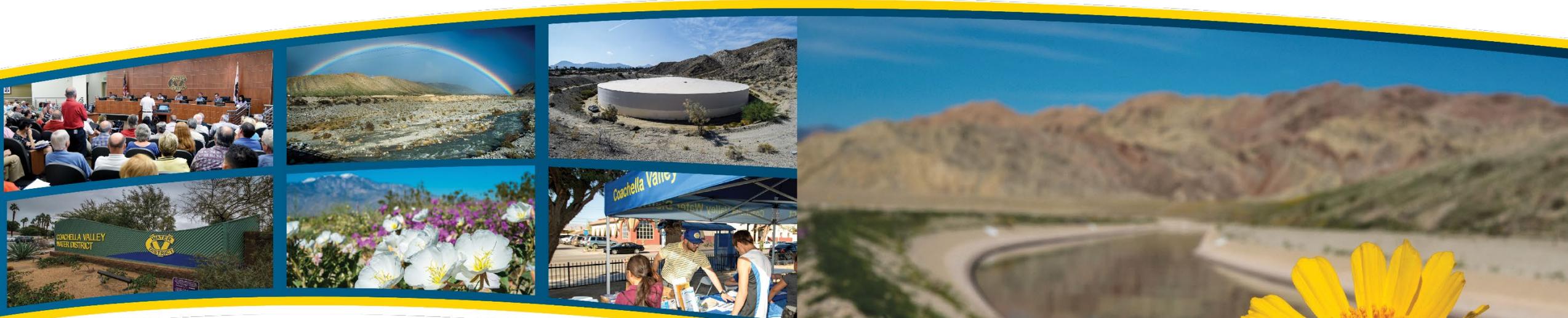


# Water Conservation Summit and Expo: H2O for HOAs March 27, 2025



**Coachella Valley  
Water District**



**Your Water**  
is our promise



# Formed in 1918 to Protect Local Water Sources

Today, CVWD serves the community with seven areas of service

- Agricultural Irrigation & Drainage
- Domestic (drinking) Water
- Recycled & Nonpotable Water
- Wastewater Treatment
- Regional Stormwater Protection & Flood Control
- Groundwater Replenishment
- Water Conservation Programs



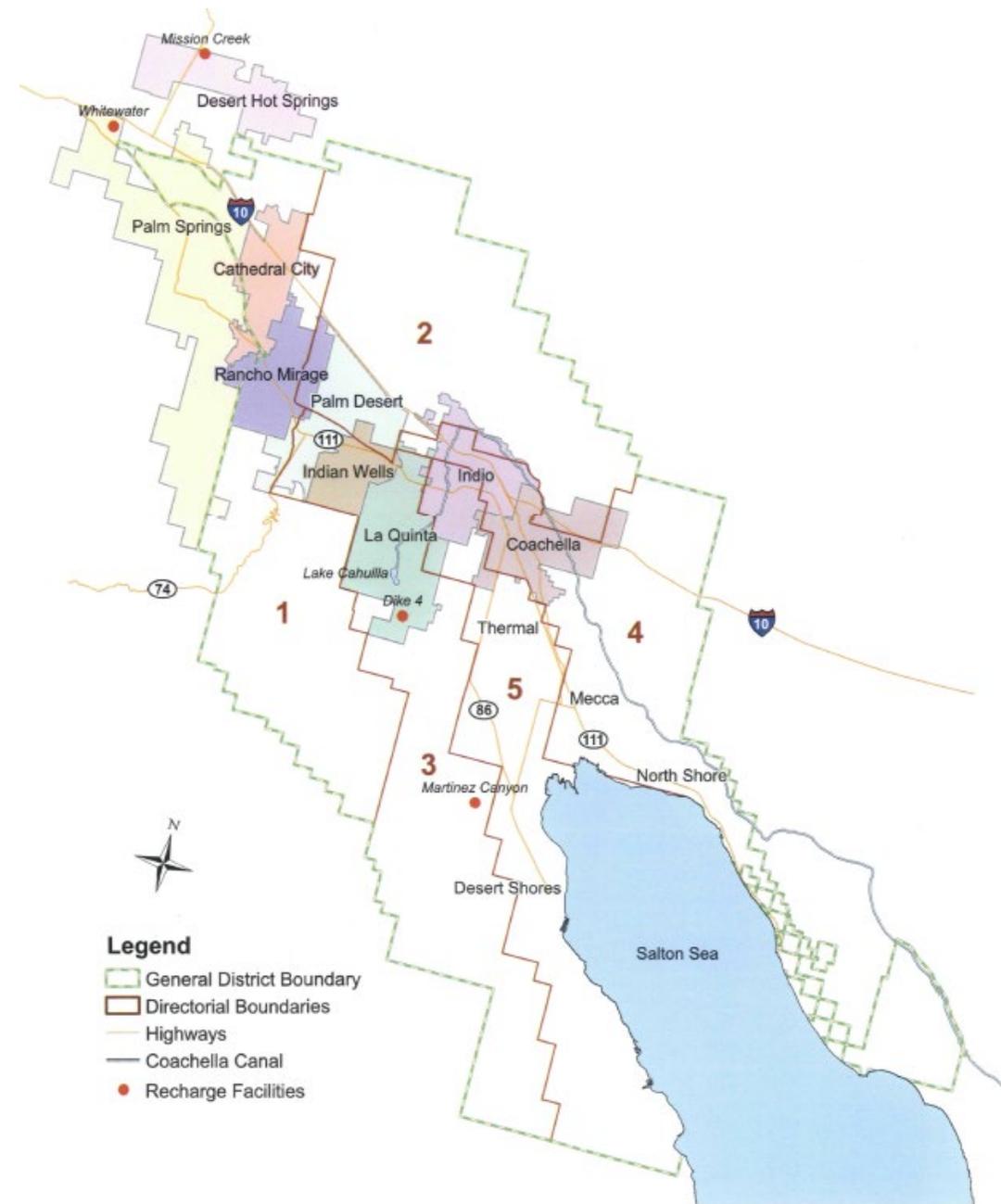
Coachella Canal construction in 1945



*Your water is our promise*

# Service Area

- 1,000 square miles
- From Desert Hot Springs to Salton Sea communities
- Within the Coachella Valley in Riverside County
- Boundaries also extend into small portions of Imperial and San Diego counties
- 114,000 domestic water connections, serving a population of 274,600



Your water is our promise

# Major Sources of Water Supply

- Groundwater
- Natural Inflows
- Imported Surface Water
  - Colorado River
  - State Water Project
- Recycled Water



*Your water is our promise*

# Groundwater Replenishment Facilities (GRFs)

*Whitewater River GRF*



*Thomas E. Levy GRF*



*Mission Creek GRF*



*Palm Desert GRF*



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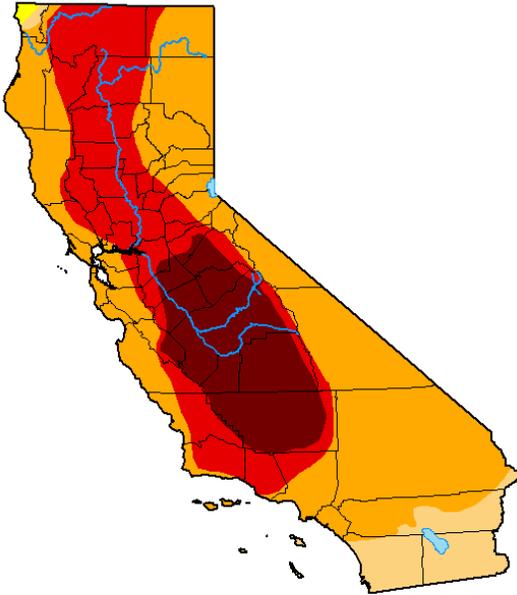
# Is California in a drought?

## U.S. Drought Monitor California

**November 1, 2022**  
(Released Thursday, Nov. 3, 2022)  
Valid 8 a.m. EDT

**March 28, 2023**

**March 18, 2025**



**Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

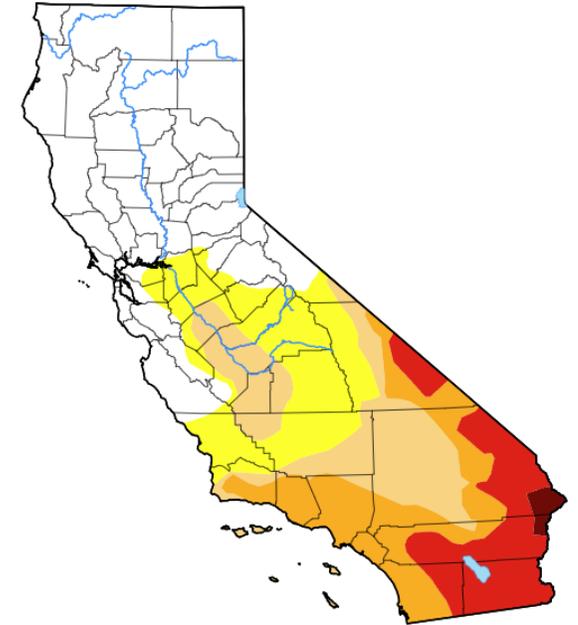
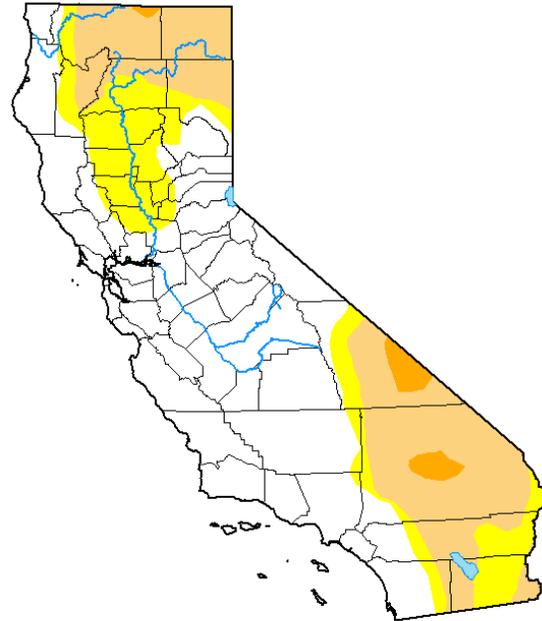
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <http://droughtmonitor.unl.edu/About.aspx>

**Author:**

Brian Fuchs  
National Drought Mitigation Center



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)



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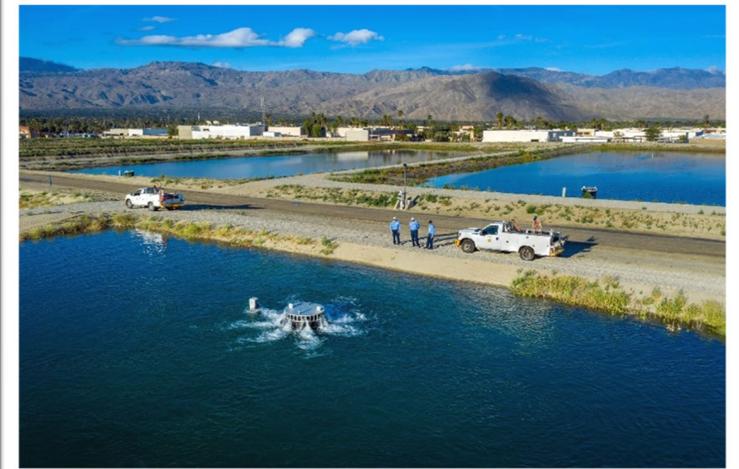
# Long-Term Drought Policies

- 2009 - Water Conservation Act
- 2018 - AB 1668 and SB 606 established a long-term framework for water conservation and drought planning
  - Making Conservation a California Way of Life Regulations
  - Water Shortage Contingency Plan
- 2022 Executive Order establishing non-functional turf (NFT) ban
  - AB 1572 prohibits the irrigation of NFT with potable water.



# Effective conservation tools

- Budget-based tiered rate billing
- Construction of the Mid-Valley Pipeline expanded use of recycled and non-potable water
- Landscape Ordinance
- Incentive programs to increase water-use efficiency
- Emerging technologies



# Challenges for HOAs

- Increasing HOA costs and regulatory environment
- Affordability for residents
- Collaboration among homeowners with different visions for their community



# Why is continued conservation important?

- Coachella Valley is always in a drought
- Changing weather patterns create risks for imported water supplies
- Prepare your communities for the next statewide drought – it's just around the corner
- Protect our aquifer for economic growth and future generations of Coachella Valley residents



# Thank you

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