



COACHELLA VALLEY WATER DISTRICT

Agricultural Irrigation & Conservation

AGRICULTURAL IRRIGATION

The Coachella Valley's farmland is one of the largest contributors to the local economy. More than two-thirds of local farmland is irrigated in part with Colorado River water delivered from the Coachella Canal, a branch of the All-American Canal.

The Coachella Valley Water District (CVWD) irrigation distribution system has 80 distribution laterals covering nearly 500 miles of underground pipeline that deliver canal water to customers throughout 78,249 irrigable acres. Most of this lateral system is gravity-fed through concrete box structures and baffle stands.

AGRICULTURAL ECONOMY

- Second largest contributor to the local economy.
- Contributes over \$778 million annually to the local economy.
- Creates roughly 12,000 jobs.

TOP PRODUCING CROPS

- Dates
- Grapes
- Artichokes
- Nursery-Trees
- Lettuce
- Sweet Corn
- Bell Peppers
- Chili Peppers
- Nursery-Plants
- Carrots
- Oriental Vegetables
- Cauliflower
- Lemon-Lime
- Hemp
- Celery

SERVICE INFORMATION

- 137,416 acres in CVWD's service area
- 78,249 acres available for irrigation service
- 1,427 active accounts
- 301,881 acre-feet total water delivered in 2024

COACHELLA CANAL

■ Water is diverted from the Colorado River into the All-American Canal at the Imperial Dam (north of Yuma, AZ). The water is diverted again 37 miles downstream where it enters the Coachella Canal and travels 123 miles to the Canal's terminus reservoir, Lake Cahuilla.

■ Construction began in 1938 and was interrupted by WWII. Work resumed in 1944 and was completed in 1948.

■ CVWD's 2024 contracted supply was 414,000 acre-feet and its total water order was 373,094 as CVWD continues to conserve Colorado River Water and leave water in Lake Mead.

■ Colorado River water from the canal is used for the following:

- Agriculture Irrigation
- Golf Course and Landscape Irrigation
- Groundwater Replenishment
- Other nonpotable uses

CONSERVATION

CVWD has historically implemented significant actions to conserve Colorado River water:

- Investment in its 500-mile irrigation delivery system to minimize system losses by using pipes and metering 100% of properties served, resulting in approximately 5% system loss, which is low compared to industry standards.
- Lining a 49-mile section of the Coachella Canal yielded 132,000 acre-feet per year in savings. Lining the canal saves water from seeping into the ground.
- Lining the remaining 35-mile section of Coachella Canal with San Diego County Water Authority and the San Luis Rey Band of Indians, saving another 26,000 acre-feet per year.
- 55% of agricultural customers use drip irrigation, which allows crops to be irrigated efficiently.

Your water is our promise

| [CVWD.org/ourpromise](https://www.cvwd.org/ourpromise)

Main line: 760.398.2651

Customer Service: 760.391.9600

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