Successful groundwater management

99% of the Coachella Valley's domestic water supply is groundwater.

Who uses this groundwater?

- 9 cities
- 400,000 people
- 7,000 businesses

Our dry climate

Temperatures in the 120s°F

Replenishing the aquifer

3.5 MILLION acre-feet of water has been replenished back into the aquifer at three facilities since 1973.

Based on 2016 estimates, average inflows and outflows for the groundwater basin are expected to balance and eliminate overdraft in 2022.

How it works

1. Water is delivered from the Colorado Aqueduct into replenishment ponds.
2. The water seeps into the ground.
3. ...and replenishes the aquifer.

What this means

3 MILLION acre-feet of water is enough to serve the water needs for

3 MILLION families of four for one year.

Milestone replenishment

330 THOUSAND acre-feet of water was imported by CVWD & DWA in 2017 to replenish the aquifer. This is the most water ever imported by the two agencies in one year!
CVWD and DWA have been working for decades to eliminate overdraft of the groundwater basin by implementing water management practices that protect supplies for future generations.

**Key efforts that help keep the aquifer healthy:**

- **Water conservation** – using less water means we have to bring in less water to stay sustainable. Keep saving water to help your community!
- **New supplies** – as our region continues to develop, new sources may be needed.
- **Recycling water** – we treat the water families and businesses send down the drain. This treated water is used to water golf courses, medians and more.
- **Canal water use** – golf courses and farms use Colorado River water so they don’t have to pump groundwater for irrigation purposes.

**BY THE NUMBERS**

- 70-80% of a household’s water is used OUTDOORS in the Coachella Valley.
- Our community has **REDUCED** water use by more than 20% since 2013.
- 11 MILLION square-feet of grass has been removed thanks to agency landscape rebate programs.
- 62 GOLF COURSES in CVWD & DWA’s service area use nonpotable water for irrigation instead of groundwater.

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