

DROUGHT RESILIENCY AND PREPAREDNESS

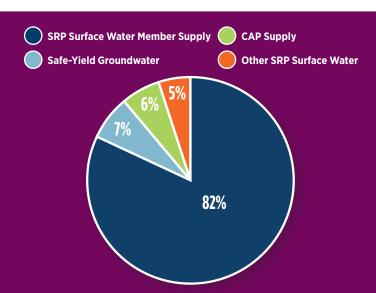
Tempe's water portfolio remains sufficient to meet demands despite continued shortage on the Colorado River and more than two decades of drought in the southwest. Tempe has been prepared and responded to the drought by taking the following actions:

- Maintaining a diverse water resources portfolio
- Proving a Designation of Assured Water Supply
- Investing in infrastructure and reducing reliance on groundwater
- Empowering effective customer water usage through the Water Conservation Program

Colorado River shortage

In 2024, the Colorado River is forecast to be in a Drought Contingency Plan Tier 1 shortage. While this shortage affects Central Arizona Project (CAP) water supplies, it is not anticipated to significantly reduce Tempe's allocation of CAP water.

Although CAP water supplies typically make up 6% of Tempe's water supplies, it is an important source of water to meet demands. Tempe continues to prepare for shortages on the Colorado River through investments in infrastructure and resources and continued conservation that leads to greater water use efficiency.



Visit tempe.gov/water to view the Colorado River shortage fact sheet.

Tempe drought status

Tempe is in Stage O, also called Watch, of its Drought Preparedness Plan, which includes monitoring drought conditions, investing in local use of reclaimed water and increasing customer's understanding of water resources challenges to strengthen Tempe's resiliency.

100 Years of assured water

The City of Tempe received a Designation of Assured Water Supply from the Arizona Department of Water Resources by demonstrating legal and continuous access to sufficient water supplies to support current and future water demands in Tempe and Guadalupe for **100 years**.

Kyrene water reclamation facility

All wastewater currently produced in Tempe is put to beneficial use at the regional 91st Avenue Wastewater Treatment Plant in Phoenix. Starting as early as 2025, Tempe will once again treat wastewater at the Kyrene Water Reclamation Facility and utilize the reclaimed water locally for various beneficial purposes, including meeting industrial demands and recharging into the local aquifer.

Investing in your water

Tempe has invested millions of dollars in water resources and infrastructure to create and maintain the resilient and diverse water portfolio we have today. Tempe continues to invest in your water security through appropriately funded efforts and projects that are supported by water and wastewater rates.



\$200M

Over five year

Water Treatment Plant asset maintenance and upgrades \$130M

Over five vears

Distribution system projects

\$82M

Over five years

Kyrene Water Reclamation Facility

\$53M

Over five years

New production wells and well reconstruction and treatment

\$18M

Over five years

Recharge wells and associated infrastructure

\$7M

Over five vears

Studies for new sources of renewable surface water supplies



Water Conservation Program

Tempe's Water Conservation Program investments in 2022

- \$63,000 approved for 300 water efficiency and conversion rebates.
- \$134,000 budgeted for water conservation grants.
- 1,000 staff hours associated with more than 330 water consultations and audits.

Tempe's Water Conservation Program is effective, measurable and customized to our customer's needs.

In 2022, residents and businesses have taken action that will conserve an estimated

114
million
gallons
of water.

39 households

upgraded their irrigation systems with smart and efficient technology.

upgraded 188 toilets.

9Z customers

converted 165,350 square feet of grass. 338 customers

received water

1/,218 customers

received leak alerts.

1,537

customers registered for the WaterSmart customer portal.