



# Water Resources Update

June 9, 2026





# Overview

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## For Information and Discussion

- Water Supplies
- Colorado River Negotiations
  - Federal Actions
  - Lower Basin States Proposal
- Water Conservation Program
- Drought Management Plan

A large, semi-transparent orange banner with white text, centered over the image of the water treatment plant.

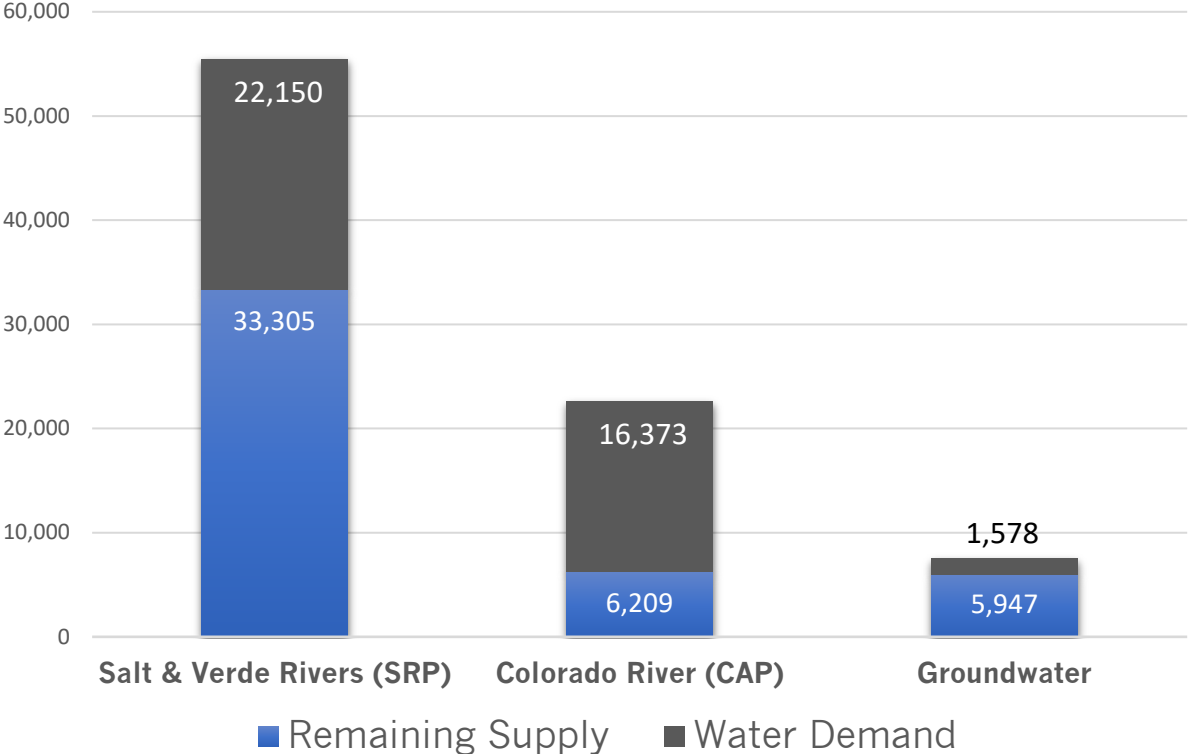
**WATER RESOURCES UPDATE**

Text within the orange banner providing details about the workshop.

**City Council Workshop – June 2026**  
Zacary Richards, Water Resources Manager

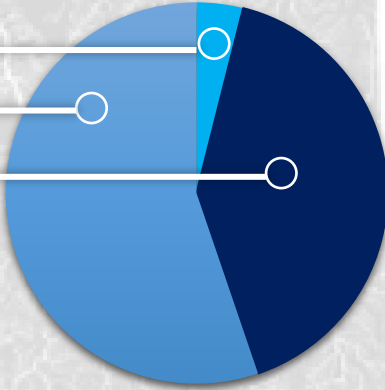
# Glendale Water Supply

Max Annual Supply & Demand in Acre-Feet



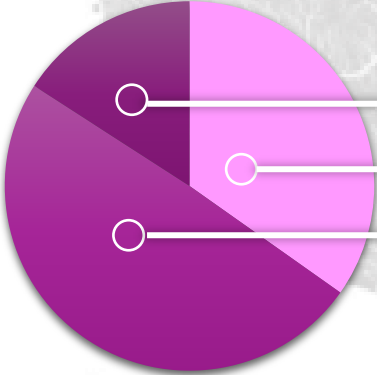
## Drinking Water

4% Groundwater  
 55% Salt & Verde Rivers  
 41% Colorado River



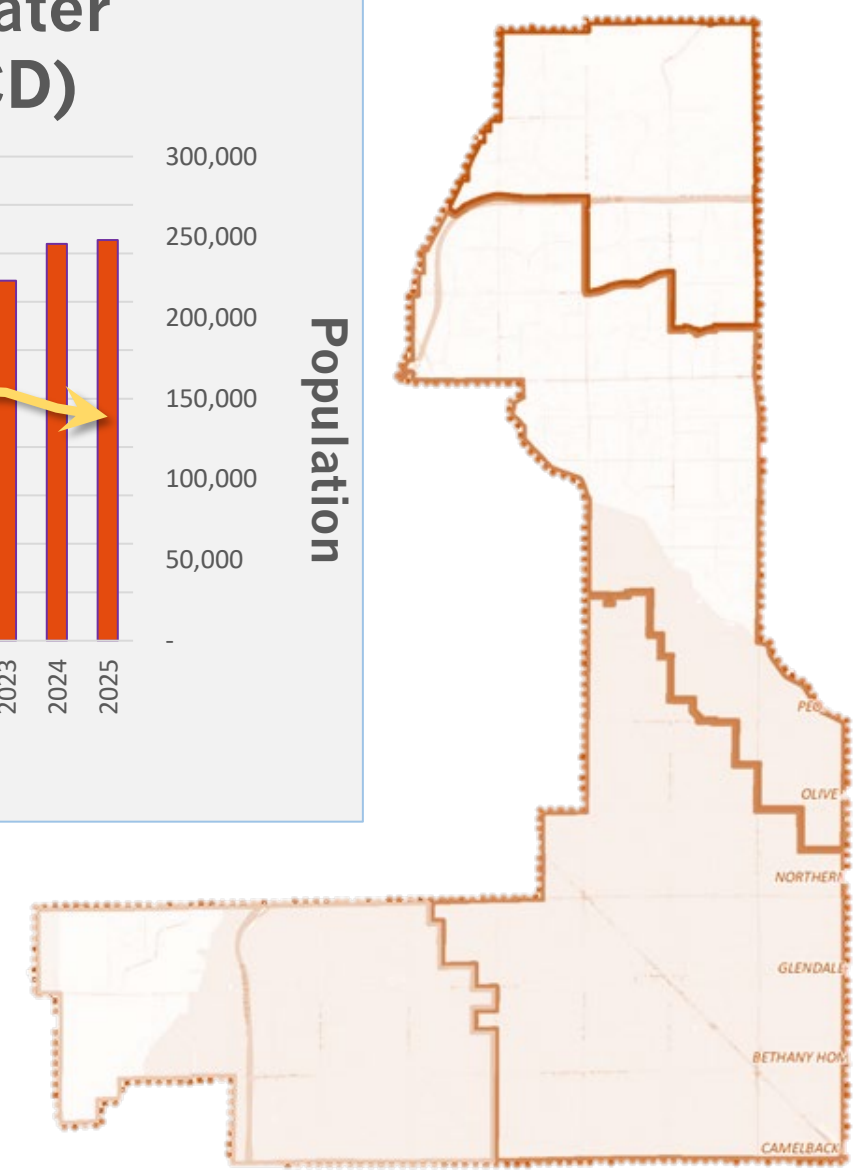
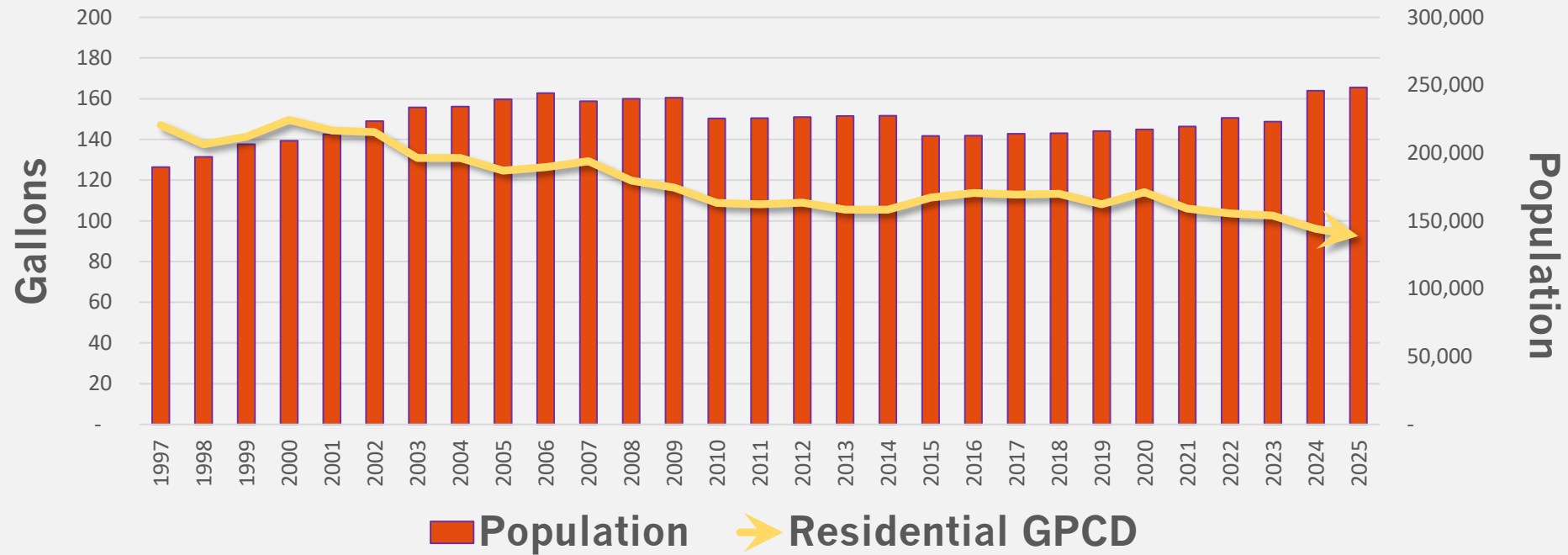
## Reclaimed Water

Direct Use 16%  
 Aquifer Storage 35%  
 91st Ave WWTP 49%





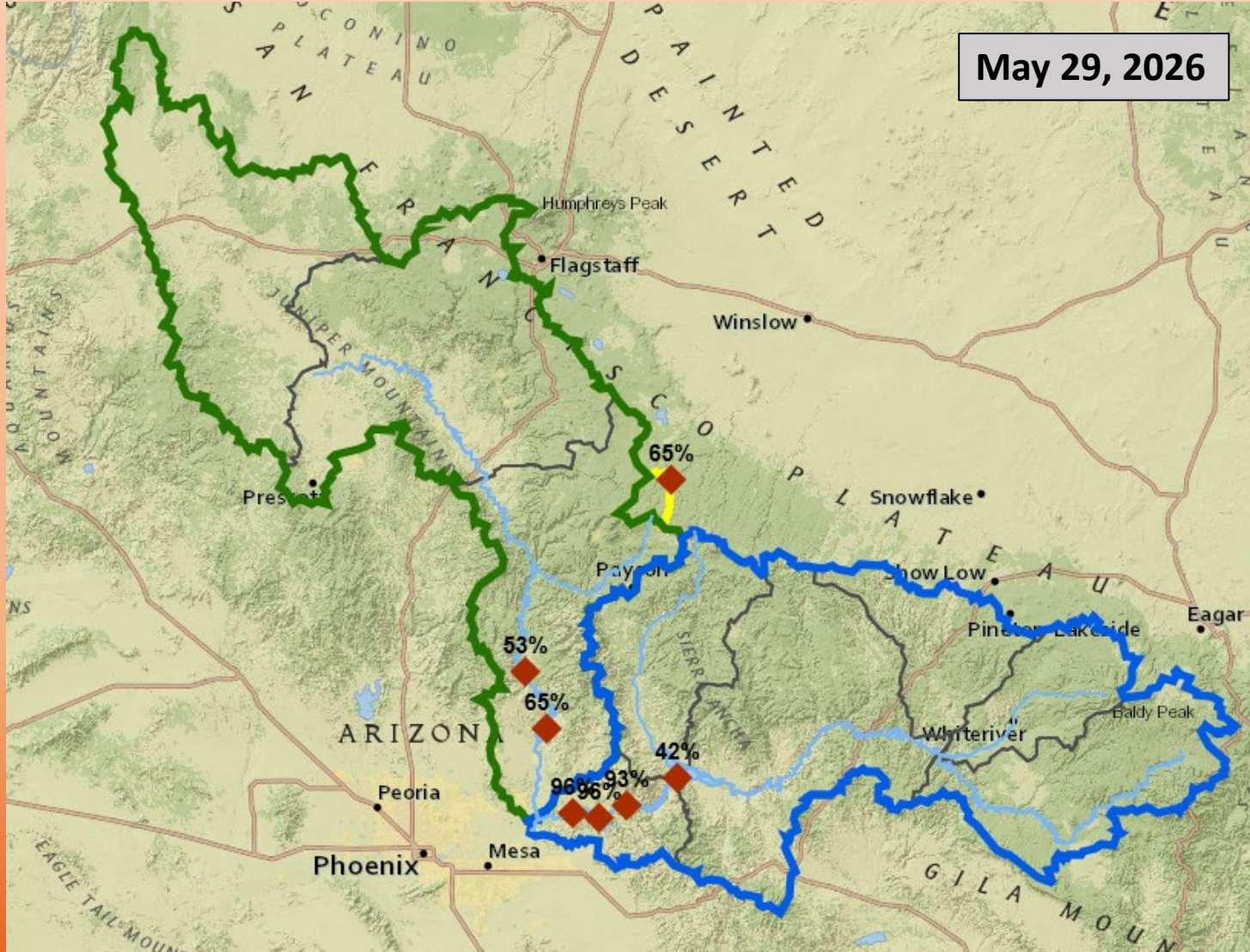
# Service Area Population & Residential Water Use in Gallons Per Capita Per Day (GPCD)



# Glendale Water Demand

# SRP System Status

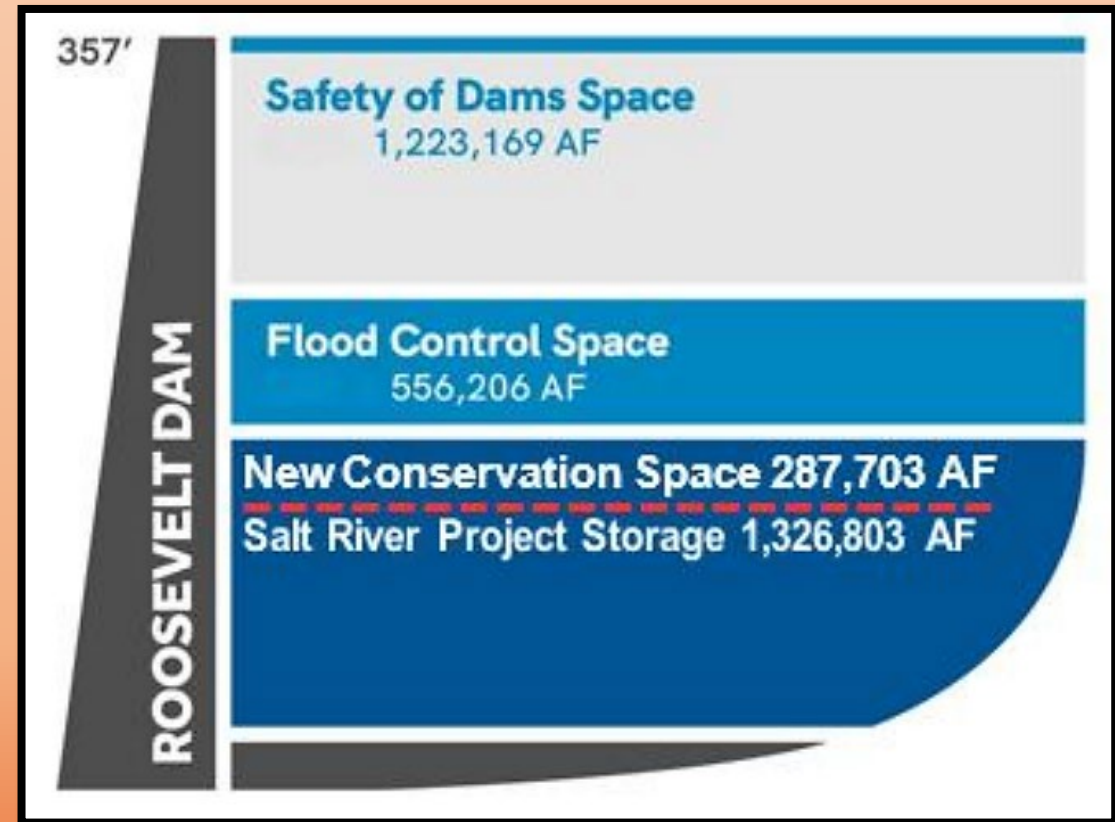
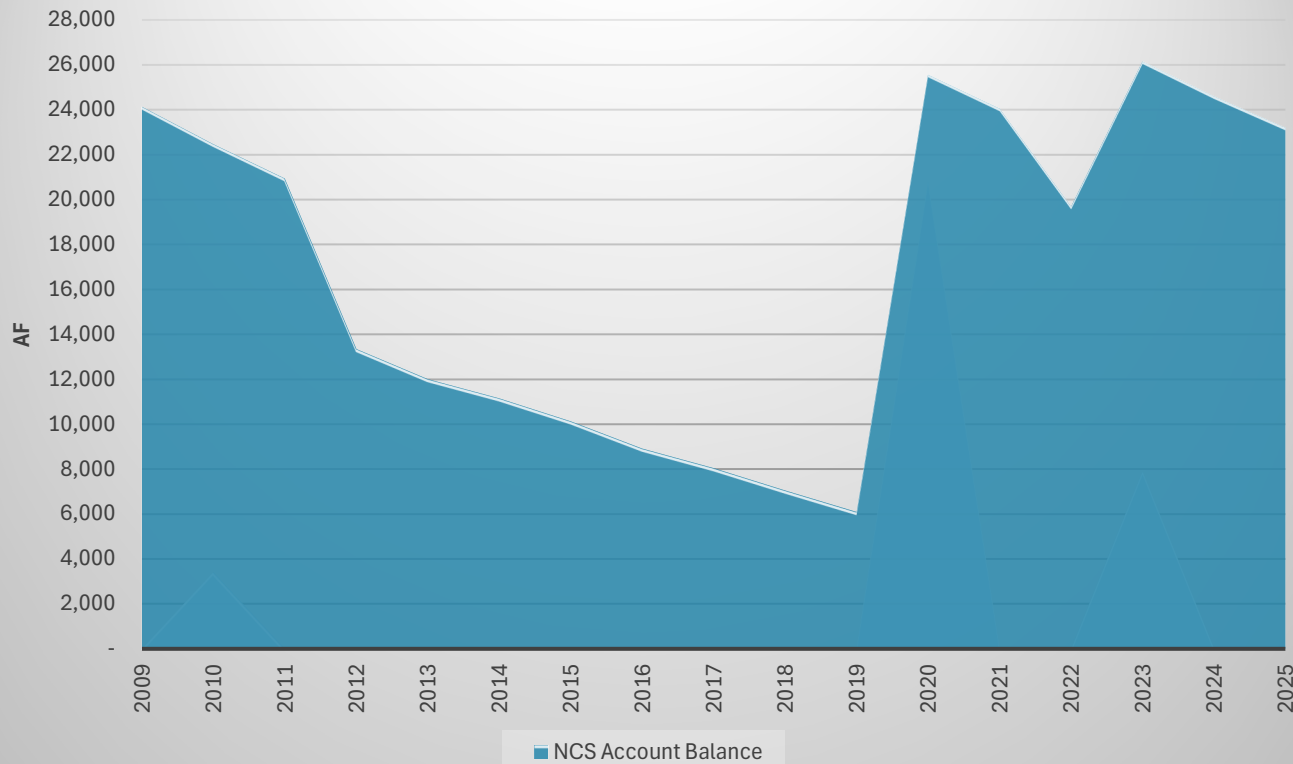
## Salt & Verde River Watersheds



System	% Full
Salt River	53%
Verde River	62%
<b>Total Reservoir System</b>	<b>54%</b>
<b>Total System One Year Ago</b>	<b>67%</b>

# New Conservation Space (NCS) at Roosevelt Lake

NCS Accounting 2010 - 2025

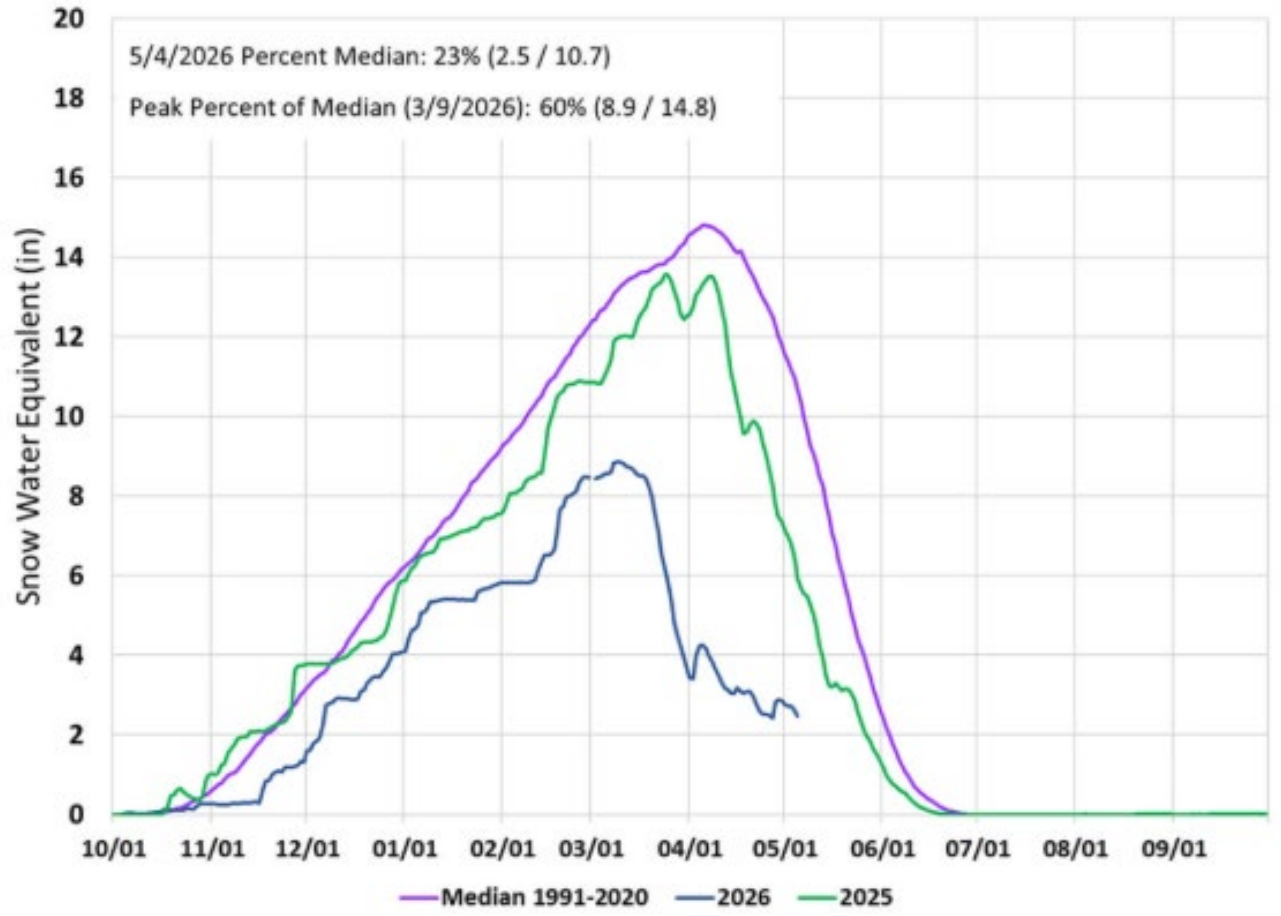
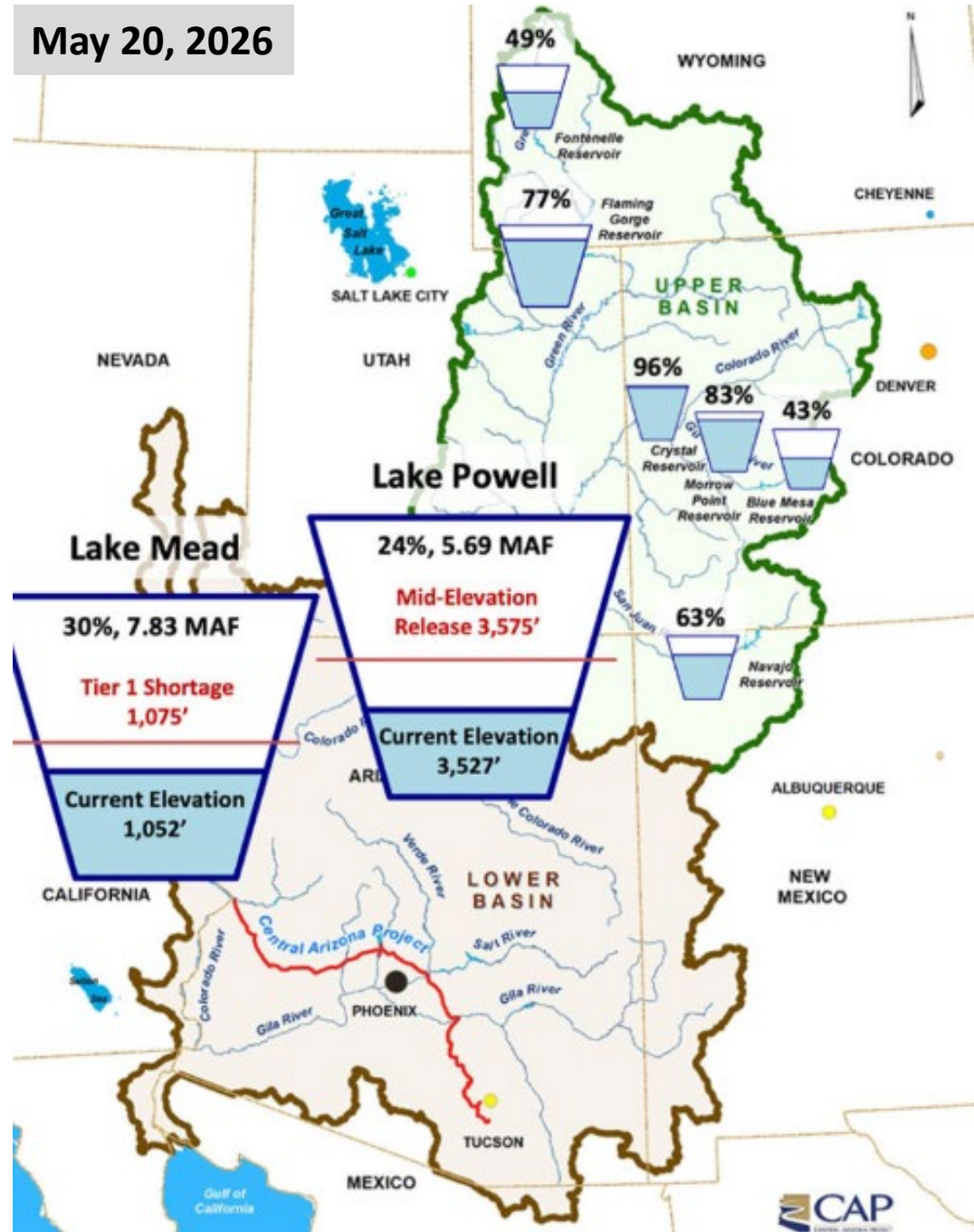


May 20, 2026

# Colorado River Watershed Conditions



As of May, Total System Contents have dropped 12% since last year.



# Colorado River Basin Negotiations



Current guidelines for the Colorado River Basin expire October 2026.



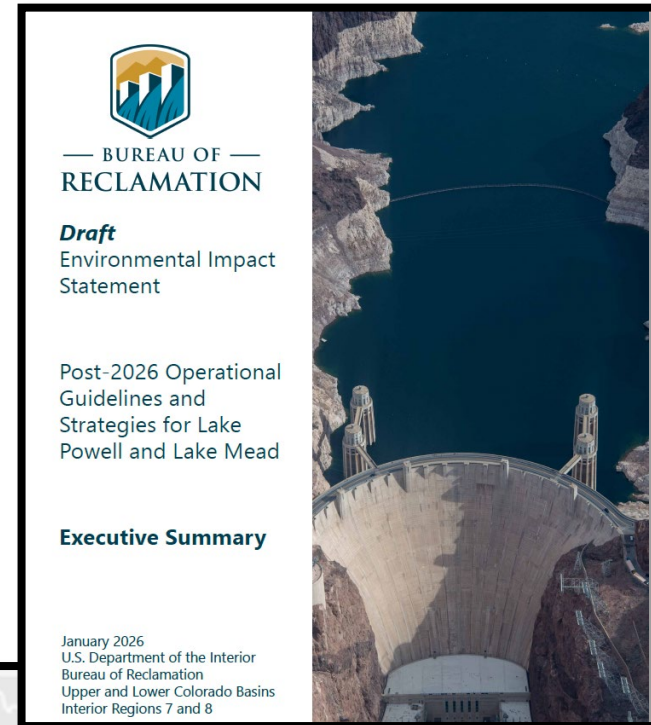
An agreement among the Upper and Lower Basin states has not been reached.



Bureau of Reclamation published a Draft Environmental Impact Statement in January and proposed significant reductions to the Central Arizona Project.



Record of Decision expected August 2026.



# Federal Government Actions

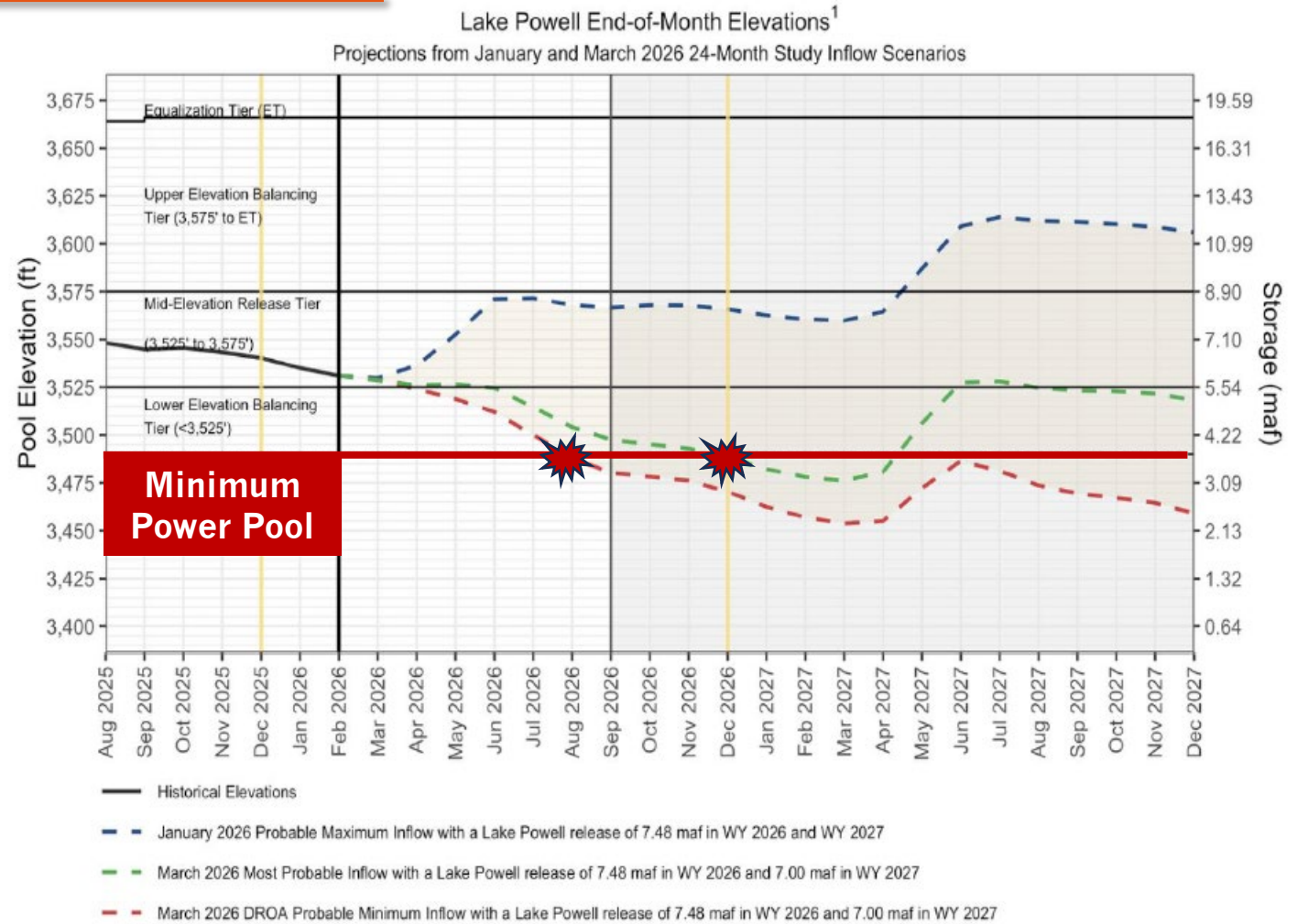


Lake Powell may decline below the minimum power pool as early as August.



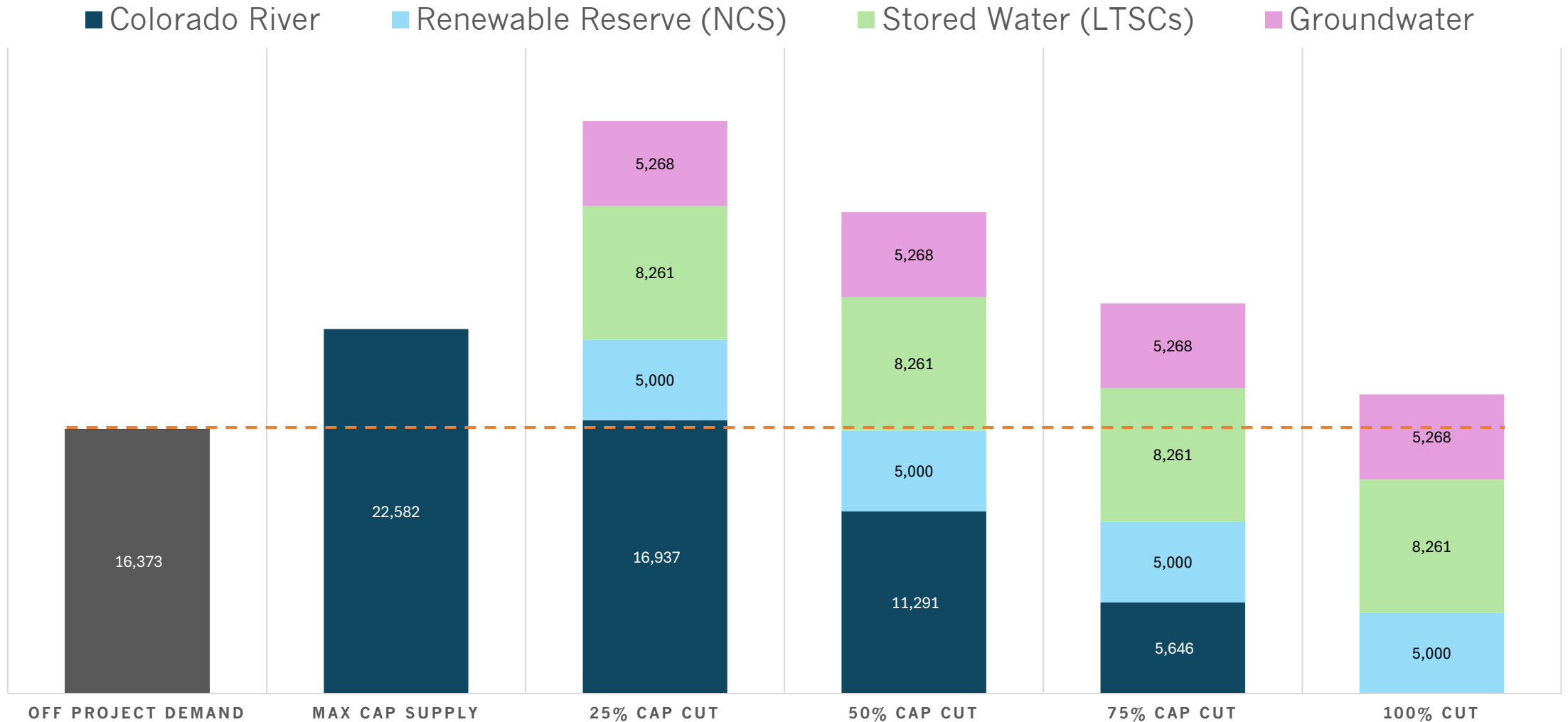
Bureau of Reclamation will be taking the following emergency actions:

- Reduce Glen Canyon Dam releases into Lake Mead from 7.48 MAF to 6 MAF
- Release up to 1 MAF from Flaming Gorge reservoir.



Source: Bureau of Reclamation April 24-Month Study

# Potable Water Supplies at Various CAP Reductions



# Drought Mitigation Projects

## Well Construction

Planned Groundwater Wells		
Well	Status	Capacity
COG 50	Complete in September 2026	2.8 MGD
COG 51	Complete in January 2027	1.7 MGD
COG 52	Design Phase	2.4 MGD
COG 53	Design Phase	1.7 MGD
COG 54	Drilling this summer	5 MGD



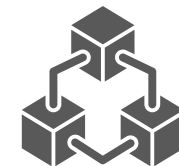
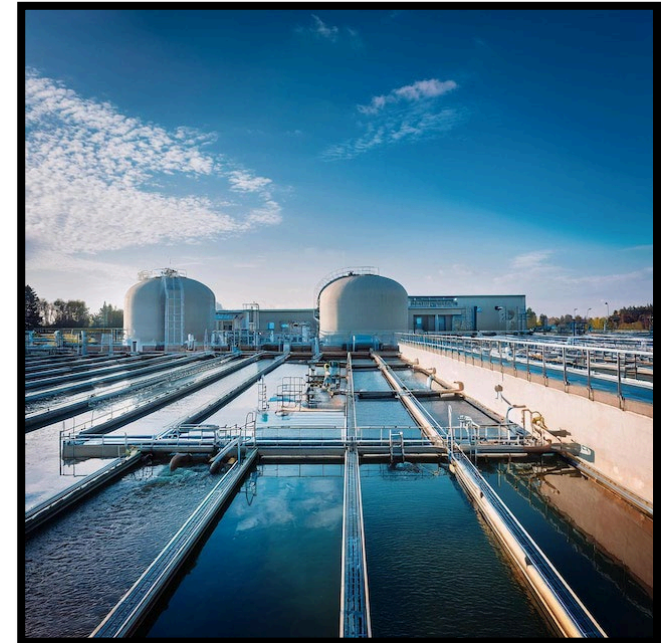
Expand groundwater supplies to where they are needed most

## Bartlett Dam Expansion Project



Invest in regional projects that capture renewable surface water

## Advanced Water Purification



Explore new potable reuse technology



# Water Conservation Program

Joanne Toms, Environmental Programs Administrator





# Glendale Water Conservation Program

## Education & Outreach

Classes, School Visits,  
Xeriscape Demonstration  
Garden, Water Audits &  
Budgets



## Incentives

Water Conservation  
Rebates & Kits

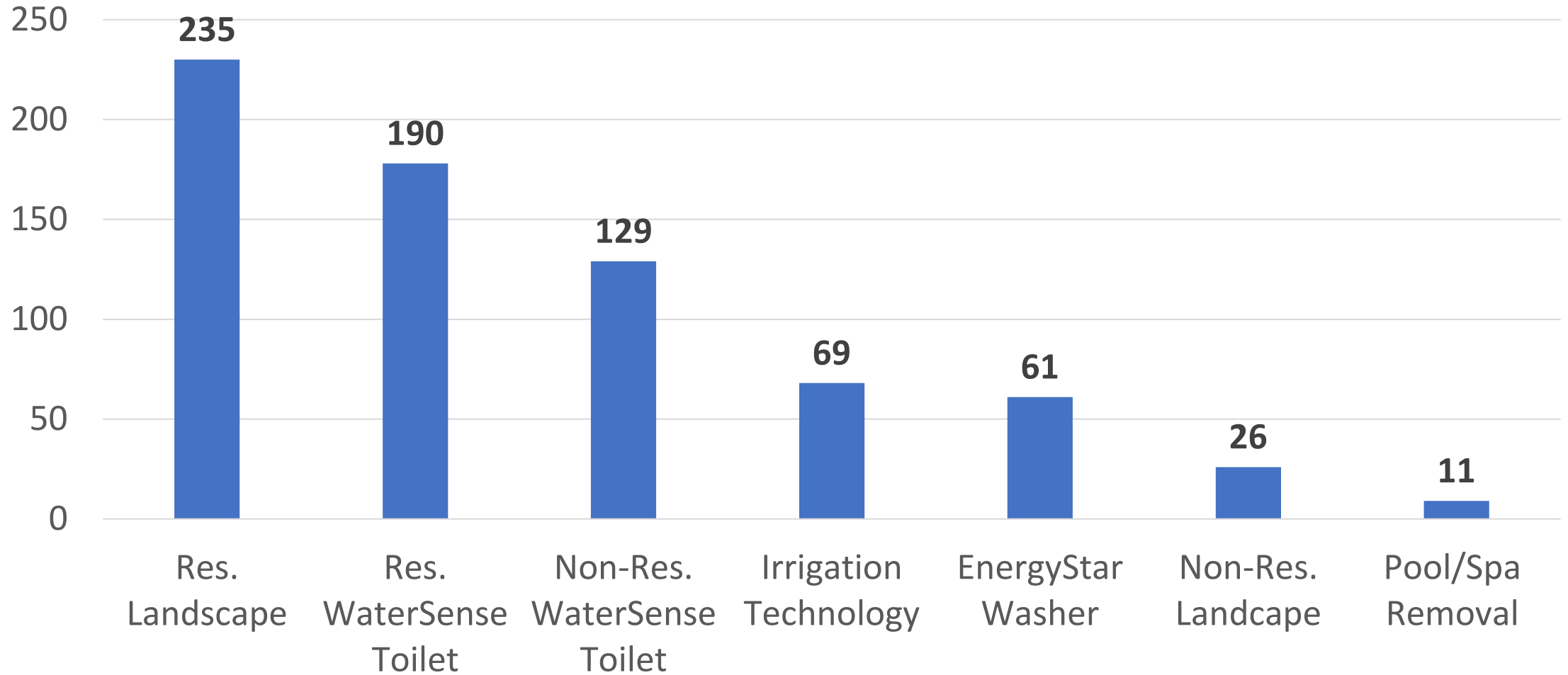
## Codes & Policies

Drought Management  
Plan, Building Codes,  
Landscape Ordinance,  
Water In the Streets



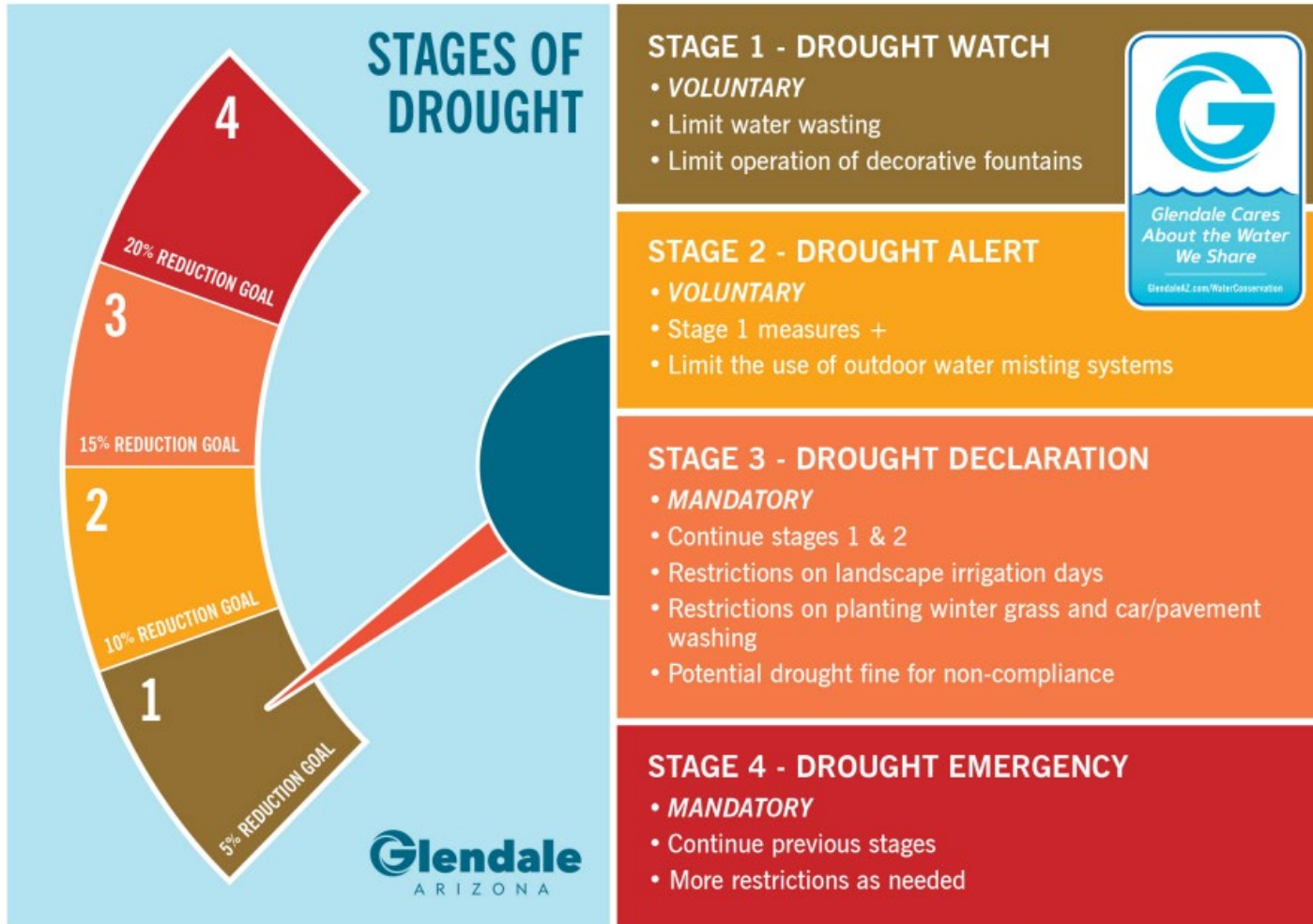


# Water Conservation Rebates since FY23





# Drought Management Plan Stages

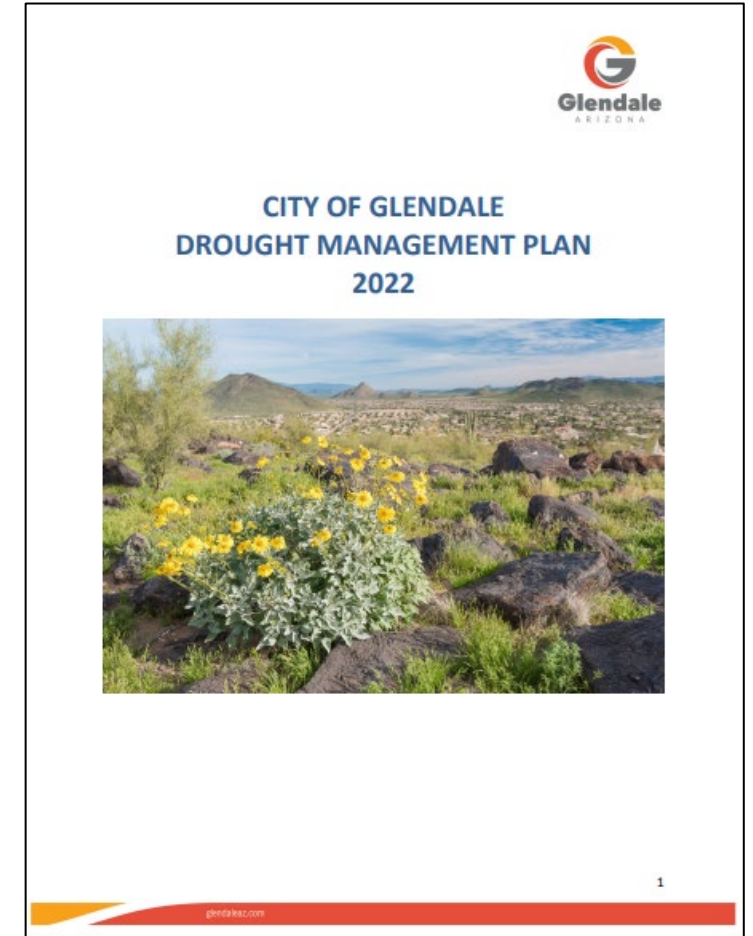


The Drought Management Plan is for residents and businesses in the Glendale water service area.

City Manager declared Stage 1 of the DMP on June 17, 2022. The City has remained in Stage 1 since then.

# Drought Management Plan – Updates under Consideration

- Revise drought stage prompts to correspond with SRP and CAP combined surface water reductions
- Update water reduction measures
- Evaluate strategies to minimize water waste
- Develop communications plan
- Coordinate with other water providers and stakeholders





## Next Steps

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- Continue to monitor Colorado River conditions and prepare for reductions in water supplies
  - June 2026 – Final Environmental Impact Statement
  - July 2026 – Federal Record of Decision
  - October 2026 – Implement Record of Decision
- Continue outreach to community and promote water conservation rebates
- Update Drought Management Plan



**Glendale**

A R I Z O N A