



OurCounty

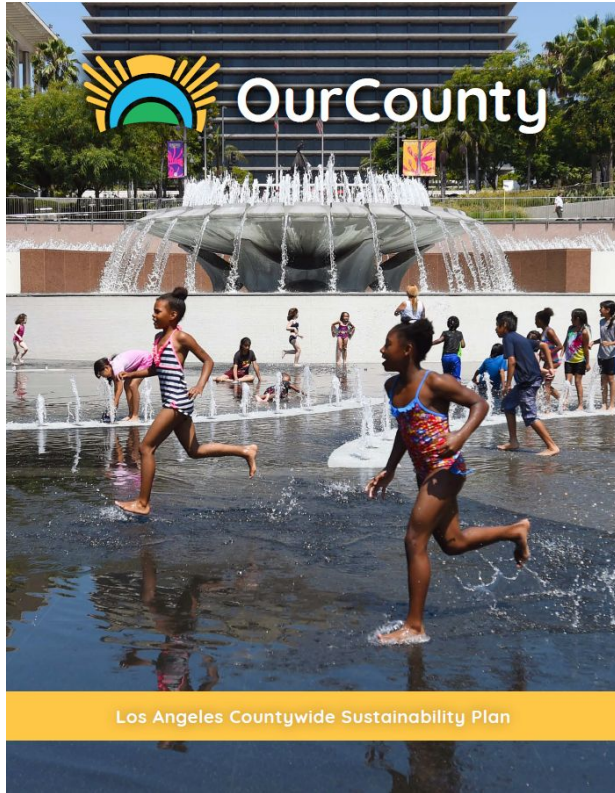
Water (R)evolution Summit: Water Resilience in LA County

Rita Kampalath, Chief Sustainability Officer

October 2024

Background

What do we mean by sustainability and resilience?



Resilient and healthy community environments



Buildings and infrastructure that support human health and resilience



Equitable and sustainable land use and development



A prosperous LA County that provides opportunities for all



Thriving ecosystems, habitats and biodiversity



Accessible parks, public lands, and public spaces



A fossil fuel-free LA County



A convenient, safe, clean, and affordable transportation system



Sustainable production and consumption of resources



A sustainable and just food system

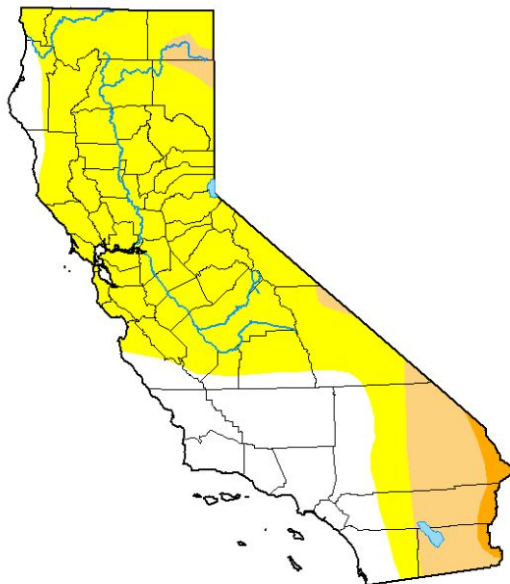


Inclusive, transparent, and accountable governance

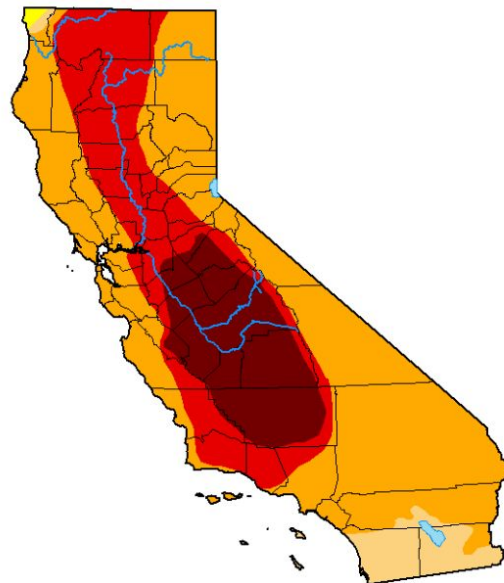


A commitment to realize OurCounty sustainability goals

October 8, 2024



October 4, 2022



Intensity:



Source: U.S. Drought Monitor

As drought crisis deepens, government will release less water from Colorado River reservoir

Last Year's Drought Cost Ag Industry More Than \$1 Billion, Thousands of Jobs, New Analysis Shows

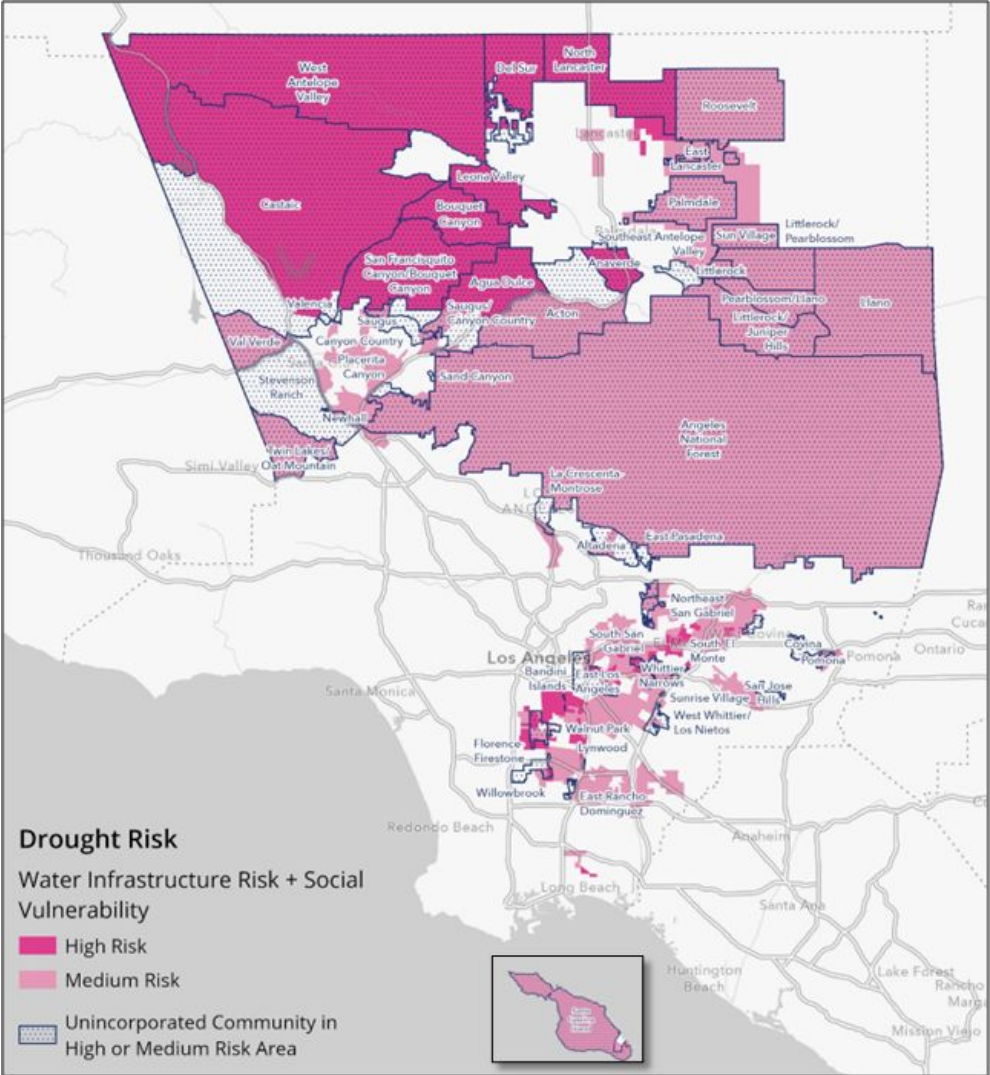


The two largest reservoirs in California are already at 'critically low levels' and the dry season is just starting

CAPITAL WEATHER GANG

California is supposed to enter a wet season. More drought is forecast.

After its three driest years on record, concern is high over what another year of drought could mean



Drought vulnerability in LA County water systems

Climate hazards in LA County



Extreme heat is projected to increase in frequency and severity, impacting much of the County

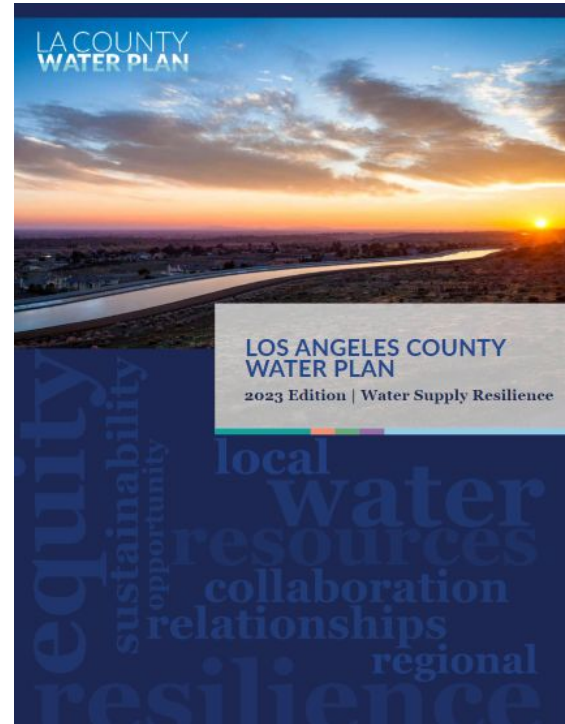
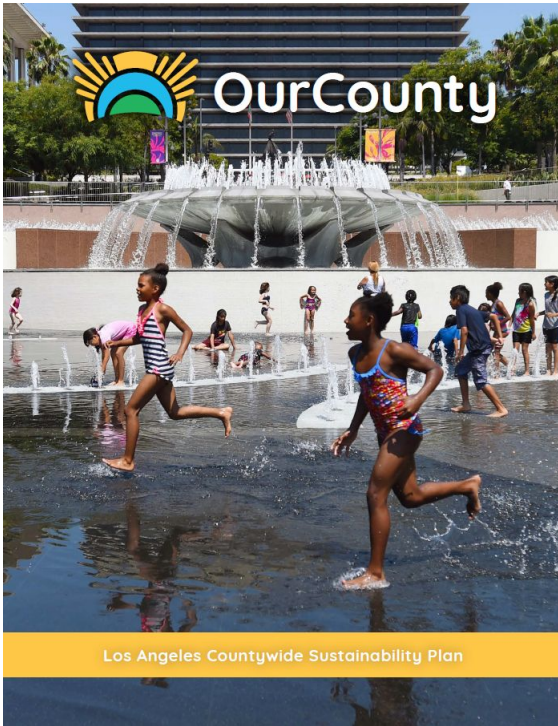
Wildfire events are projected to be considerably larger, more frequent, and more destructive by mid-century

Droughts are happening more often and are lasting longer

Inland flooding will likely increase in the future with drier springs and summers and wetter winters throughout the state

Coastal flooding events may become more frequent and severe, even with small increases in sea level rise

LA County Water Resilience Goals

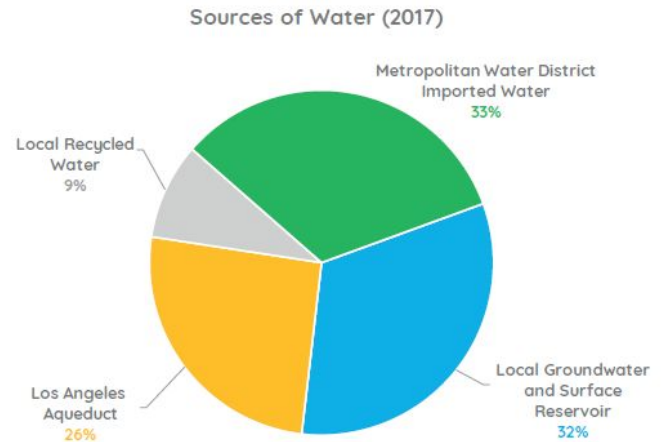


OurCounty Target: Source 80% of water locally by 2045

Water Plan Target: Increase local supply sources by 580,000 AF/year



Source: Metropolitan Water District



How can we meet our local water targets?

- Increased stormwater capture
 - *Measure W funds have increased supply enough to serve about 118,000 households annually*
- Groundwater cleanup
 - *San Fernando Valley clean up will double City of LA's local water supply*
- Water conservation
 - *New State laws mandating conservation measures*
- **Increased water recycling**



cso.lacounty.gov