



Waterworks District 29

Malibu

(Encinal/Trancas)

March 29, 2023



PRESENTATION OVERVIEW



- Drought update
- Water supply
- Water use
- Infrastructure update
- Customer resources
- Questions & Answers

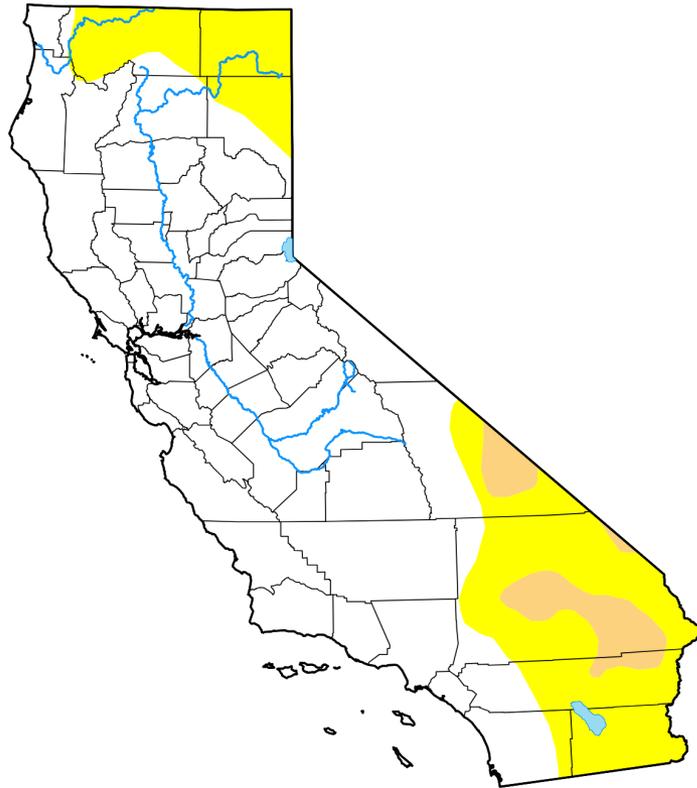


DROUGHT UPDATE

- Recent storms have been great for water supplies in California
- Historic dry conditions
- Southwest US in multi-decade drought
- Southern California's water challenges are far from over



DROUGHT MONITOR



Map released: Thurs. June 1, 2023

Data valid: May 30, 2023 at 8 a.m. EDT

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

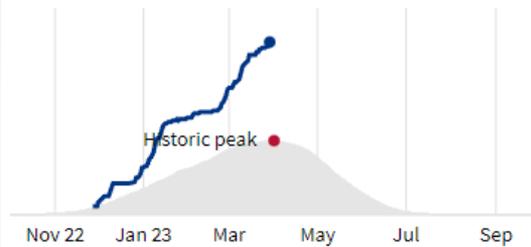
Source: <https://droughtmonitor.unl.edu>

CALIFORNIA WATER WATCH

Statewide snowpack levels

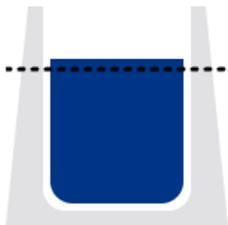
Snow melt feeds our reservoirs & rivers

234% of average peak snowpack



Major reservoir levels

Reservoirs get us through the dry months



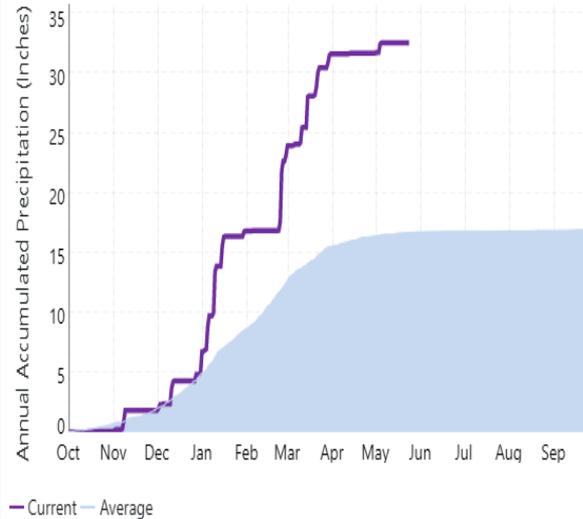
108%
of average levels

Annual Precipitation Accumulation (period of record: 1981-current)

Santa Monica Bay Watershed as of 05/24/2023

[Download Image](#)

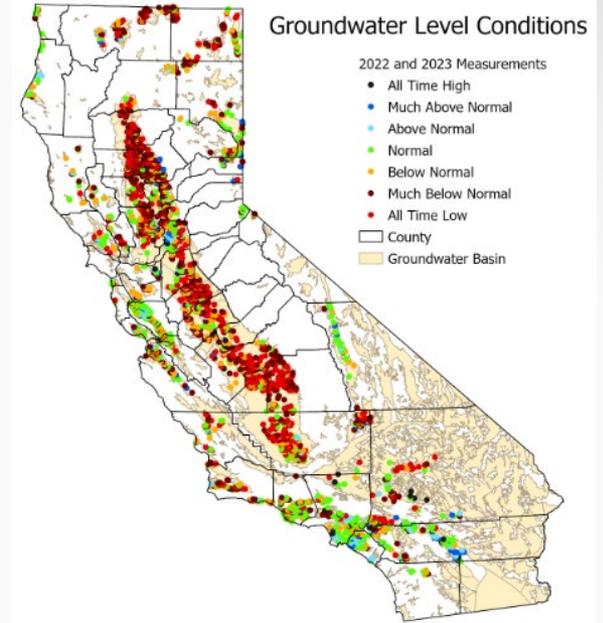
[Plot More Years](#)



Source:

<https://sgma.water.ca.gov/CalGWLIVE/>

<https://cww.water.ca.gov>



Monitoring Wells
Below Normal Level

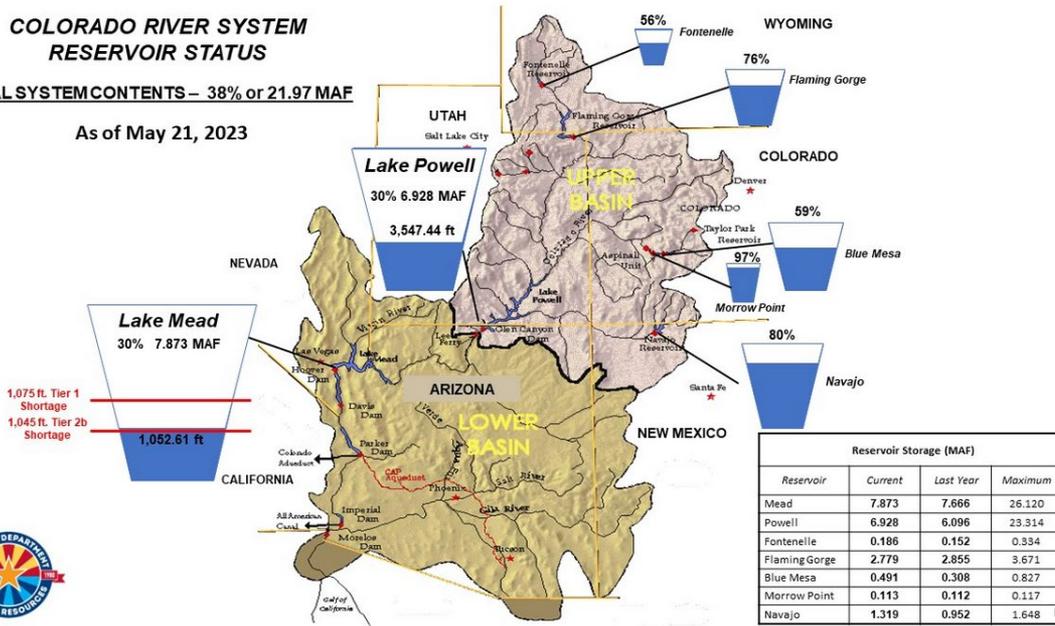
62%

COLORADO RIVER WATER WATCH

COLORADO RIVER SYSTEM RESERVOIR STATUS

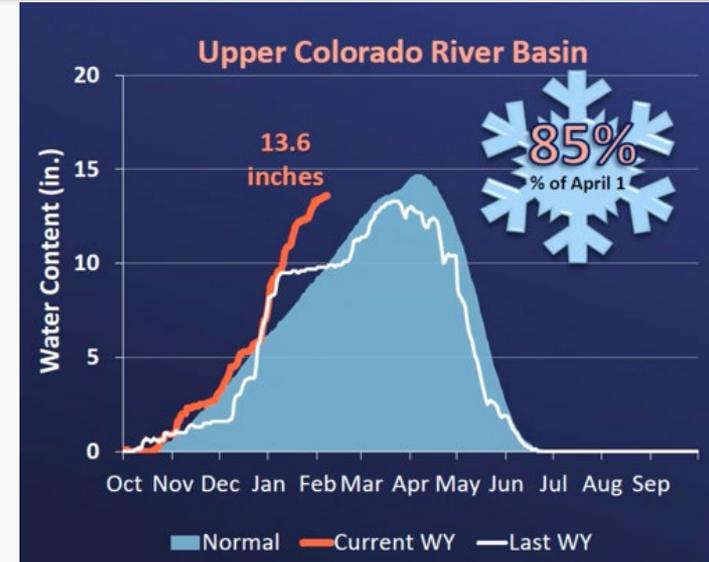
TOTAL SYSTEM CONTENTS – 38% or 21.97 MAF

As of May 21, 2023

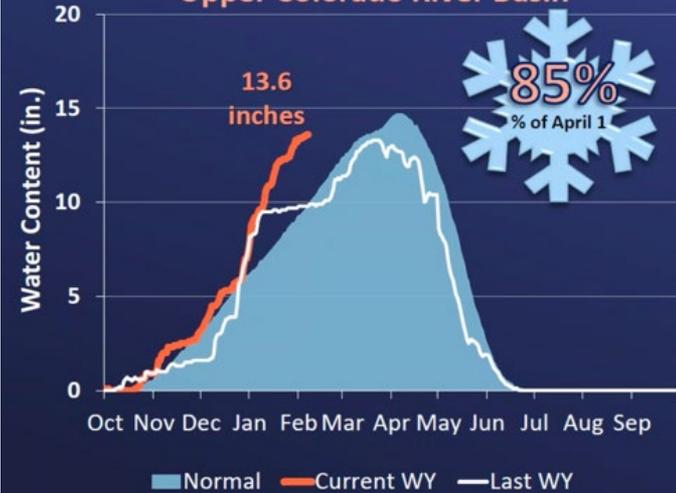


Colorado River Reservoir Storage

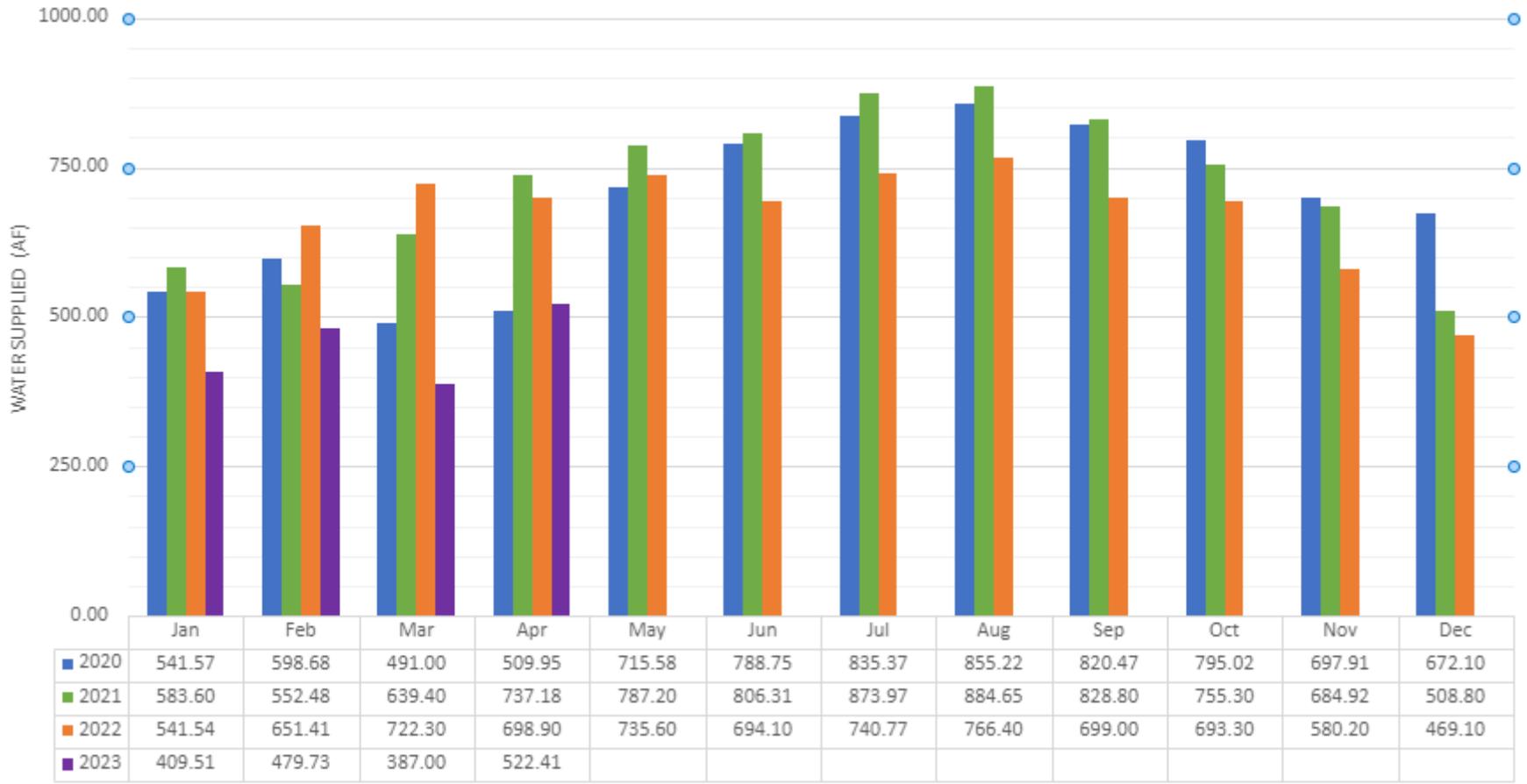
Reservoir Storage (MAF)			
Reservoir	Current	Last Year	Maximum
Mead	7.873	7.666	26.120
Powell	6.928	6.096	23.314
Fontenelle	0.186	0.152	0.354
Flaming Gorge	2.779	2.855	3.671
Blue Mesa	0.491	0.308	0.827
Morrow Point	0.113	0.112	0.117
Navajo	1.319	0.952	1.648



Upper Colorado River Basin



District 29 Water Use

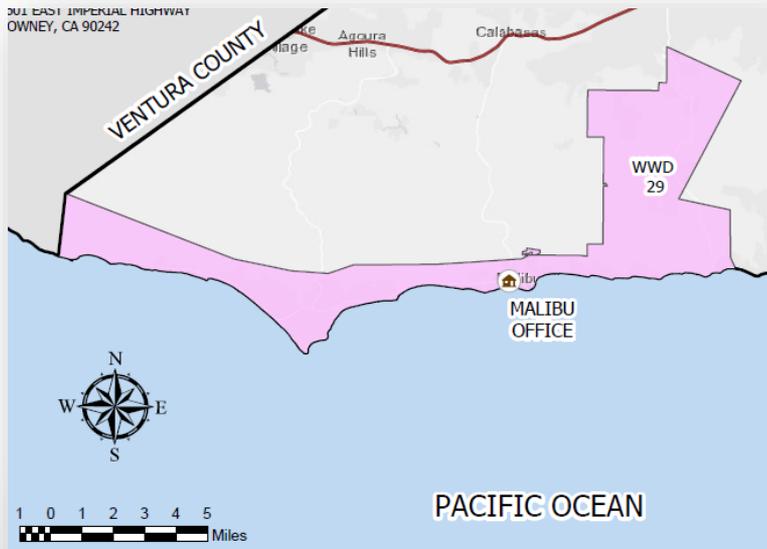


WATER CONSERVATION AS A WAY OF LIFE

- Outdoor water use restrictions have been relaxed
- Visit our website for conservation tips, rebates, and more

DISTRICT 29 INFRASTRUCTURE

- 222 miles of water main
- 1,771 hydrants
- 4,614 valves
- 78 pumps
- 48 reservoirs (water tanks)



AGING INFRASTRUCTURE

- Water infrastructure has an expected service of 40 to 80 years
- District 29's infrastructure is passing its middle age
- Capital Improvement Program in progress
- Funding opportunities



DISTRICT 29 FUNDING STRATEGIES

- Efficiency measures
- Grants
- Debt Financing



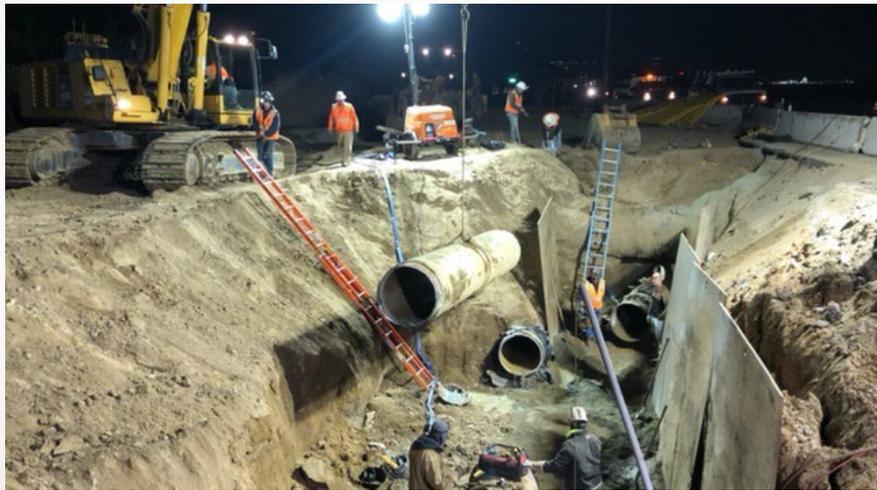
MAINTENANCE REQUIREMENTS

- Preventative maintenance extends service life of infrastructure



WATERWORKS STRATEGY FOR SUSTAINABLE OPERATIONS

- System Modernizations
- Asset Management Program
- Re-evaluating Maintenance Procedures



Malibu Branch Feeder Realignment

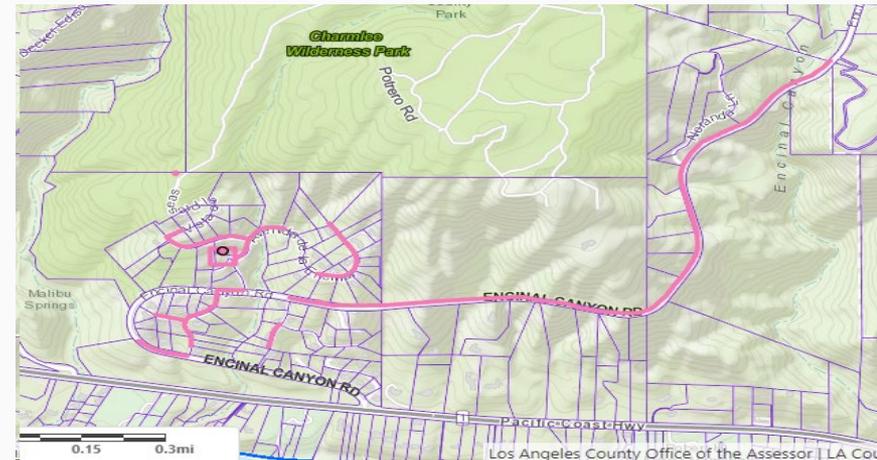


Owen Tank Site Project

DISTRICT 29

CAPITAL IMPROVEMENT PROJECTS

- Encinal Pressure Zone Improvements (start construction August 2023)
- Upper Encinal Tank (start construction Fall 2025)
- Lower Encinal Pump Station Improvements (start construction Spring 2026)
- Encinal Emergency Connection (start construction Summer 2026)



CUSTOMER RESOURCES

- Low Income Household Water Assistance Program
- Sign up for text & email notifications
- Water waste reporting
- Water conservation

<http://lacwaterworks.org>



LACWD LOS ANGELES COUNTY WATERWORKS DISTRICTS

Home | About | Conservation | Your Water | Services | Resources | Projects | Pay Bill | Turn On/Off Service

Low Income Household Water Assistance Program (LIHWAP)
APPLY HERE!

Waterworks on Social Media
TWITTER | FACEBOOK | INSTAGRAM
nextdoor NEXTDOOR

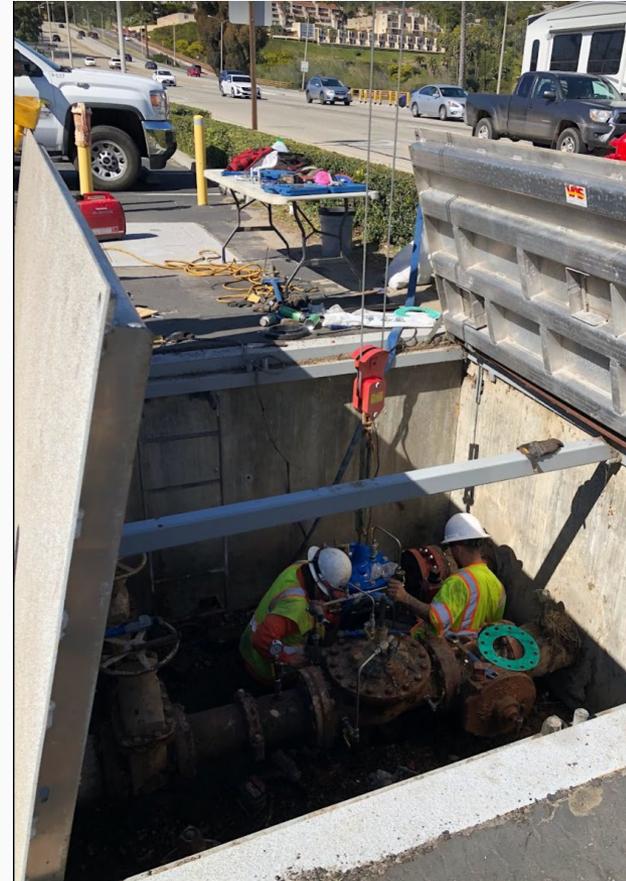
Report Water Waste!
Submit an Online Report
Download "The Works"
For Emergencies:
Call 1-800-675-HELP

Stay Informed
Sign up to receive Los Angeles County Waterworks Districts' urgent notifications via TEXT or EMAIL
Update Contact Information

Click & Chat

SUMMARY

- Drought
- Capital Projects
- Thank you for your continued partnership – we are *your* water district



THANK YOU

Visit our website at <http://lacwaterworks.org>

For Customer Service or Billing questions (24/7):

- (877) 637-3661

For Water Conservation or Drought related questions:

- (626) 300-3313
- <http://pw.lacounty.gov/go/waterconservation>

