



March 18, 2022

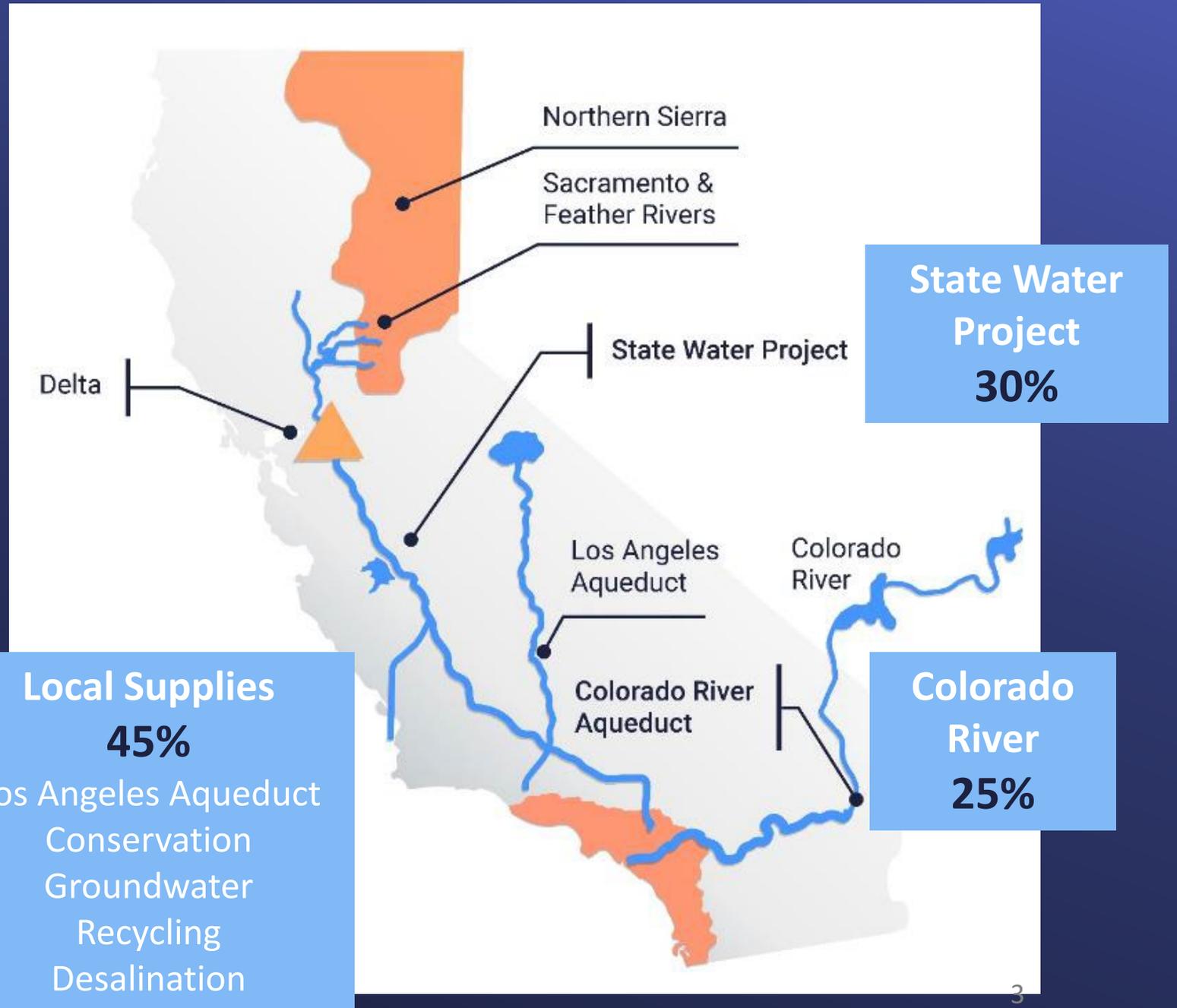
Briefing for Municipal Law Institute

Metropolitan Water District of Southern California.

- Nation's largest wholesale water provider
- Service area: 19 million people, 5,200 square miles, parts of six counties
- 26 member agencies
- Supports \$1.4 trillion regional economy (ranks 13th in the world)



Securing Water for Southern California



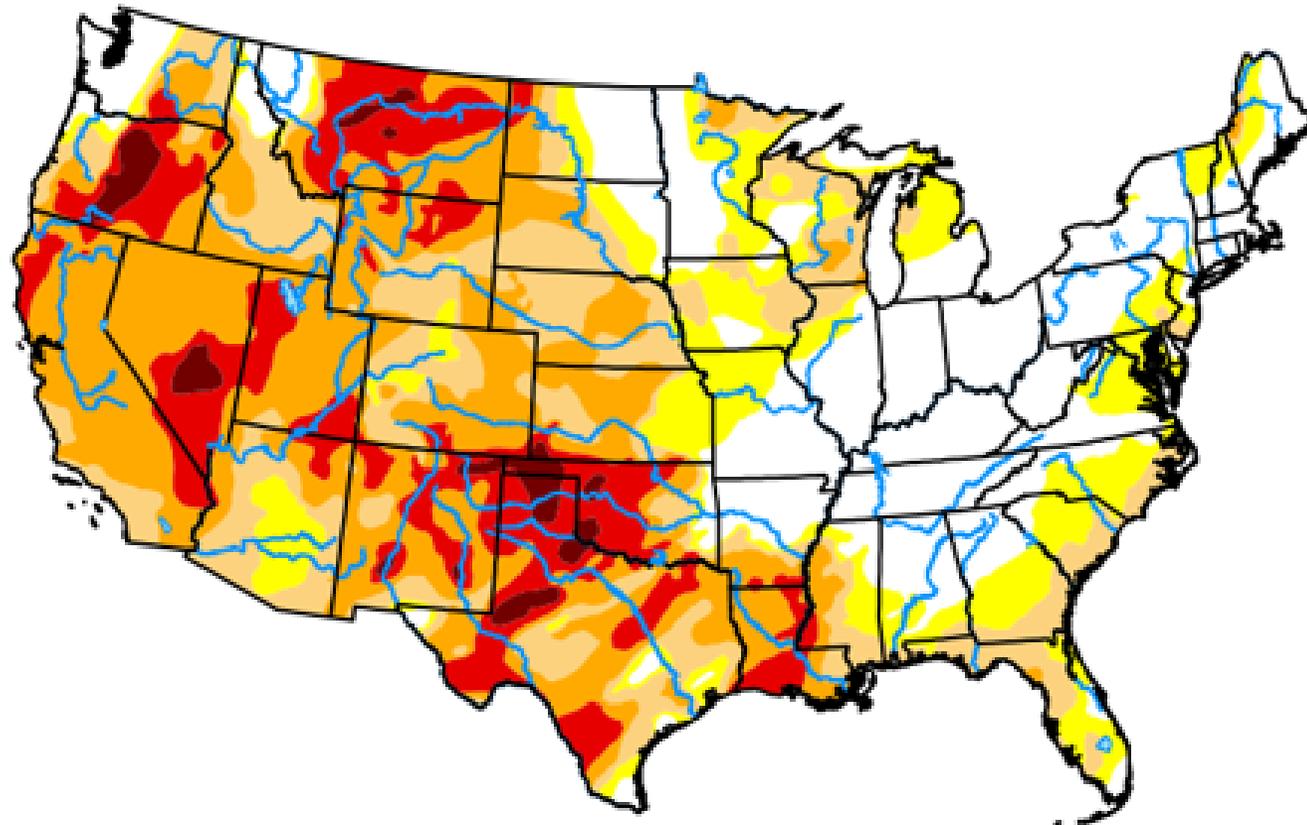
Metropolitan's Imported Supply Watersheds.



Drought Conditions Persistent in the West.

As of March 8, 2022

U.S. Drought Monitor



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

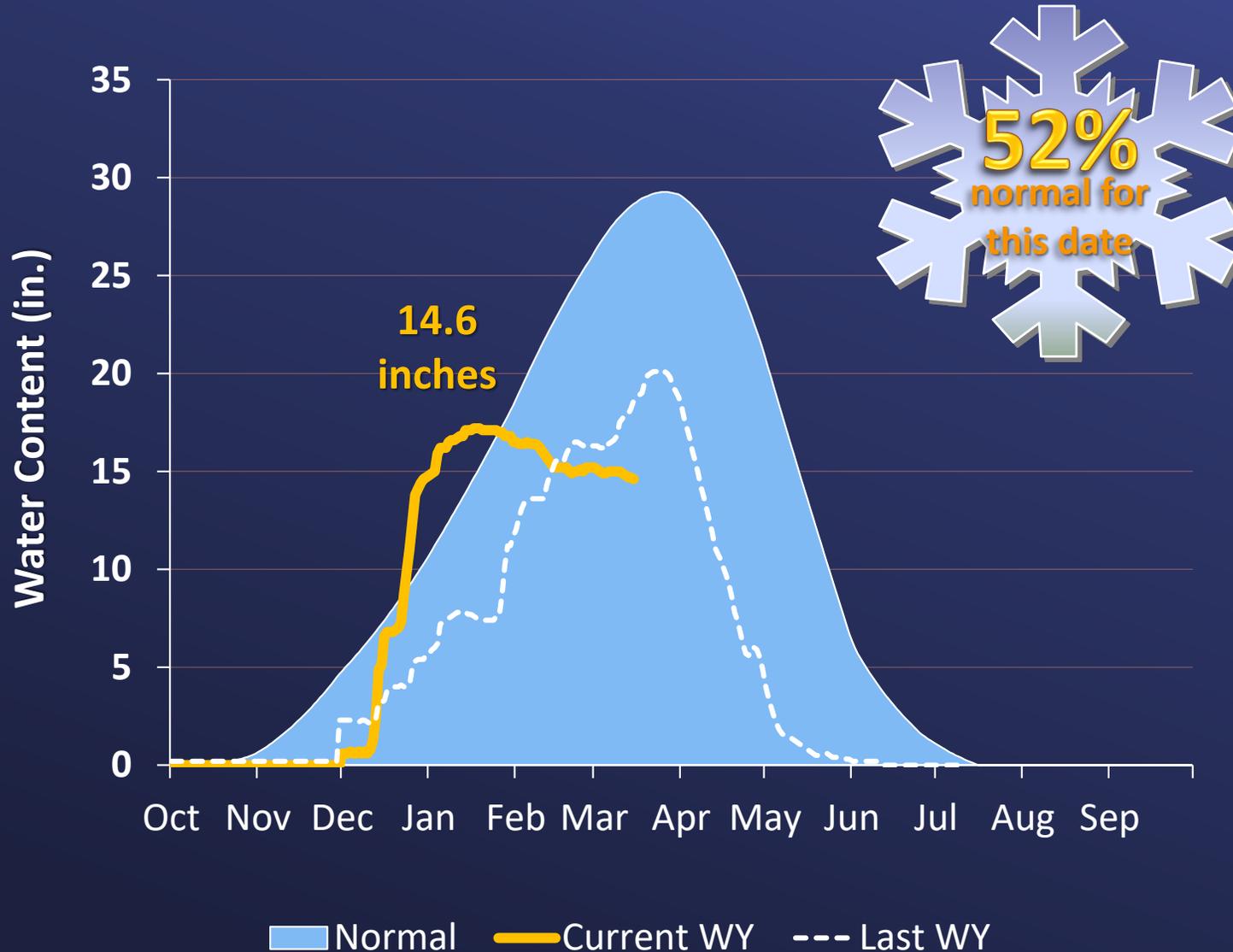
Author:

Brian Fuchs
National Drought Mitigation Center



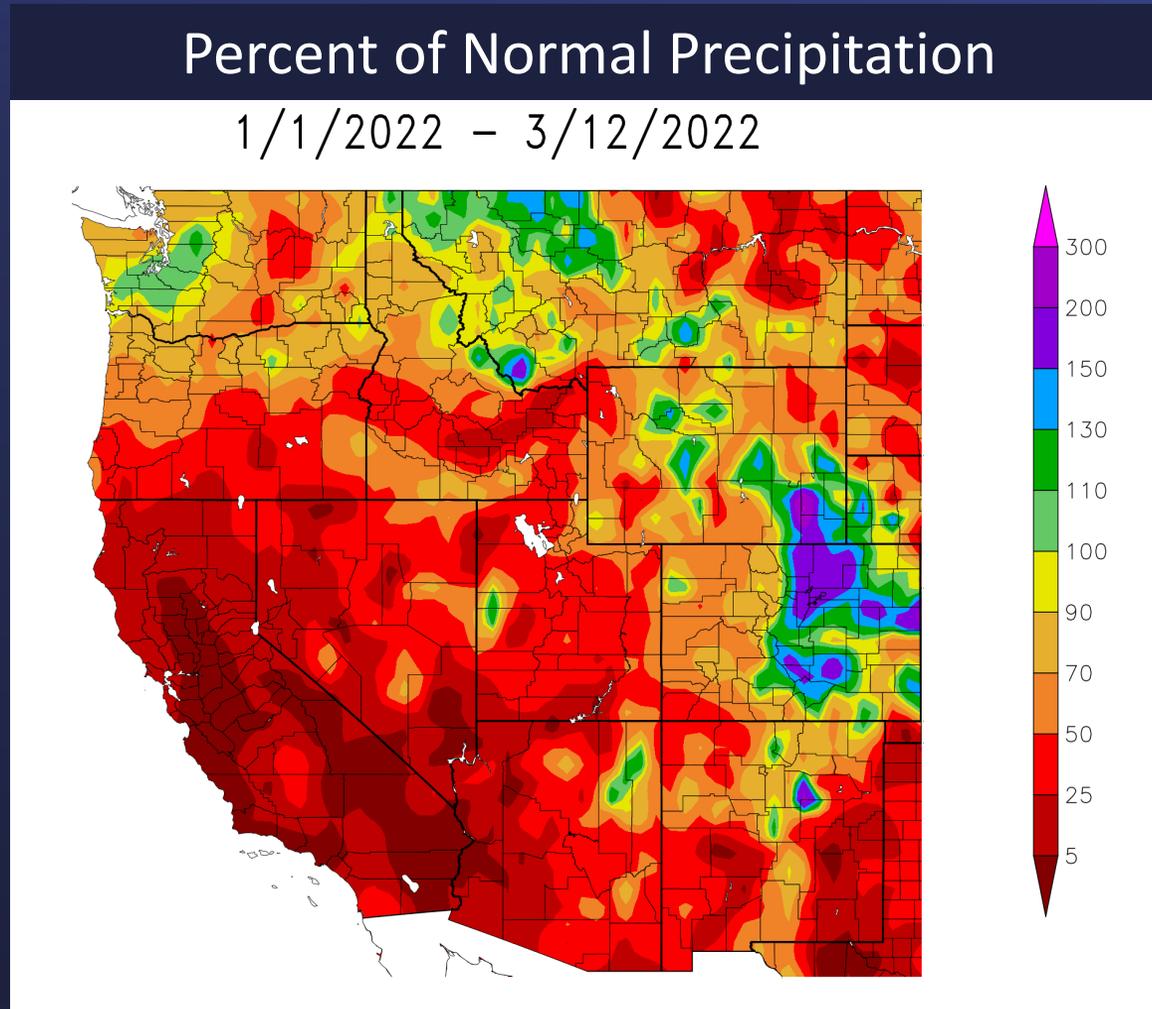
droughtmonitor.unl.edu

Hydrologic Conditions Northern Sierra.



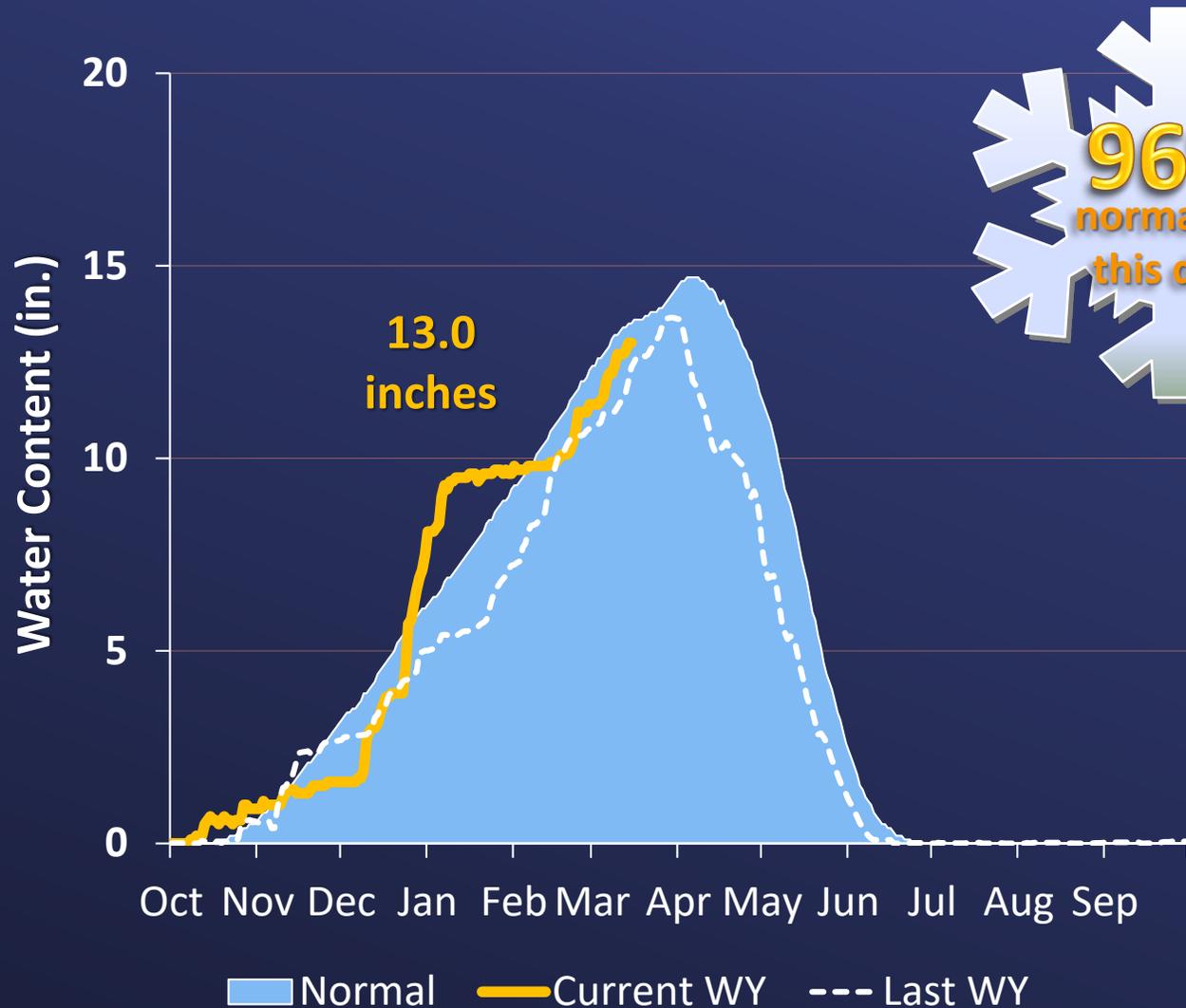
- Water content has begun to decrease
- Below average for this time of year
- Currently below where we were last year at this time

Hydrologic Conditions Northern Sierra.



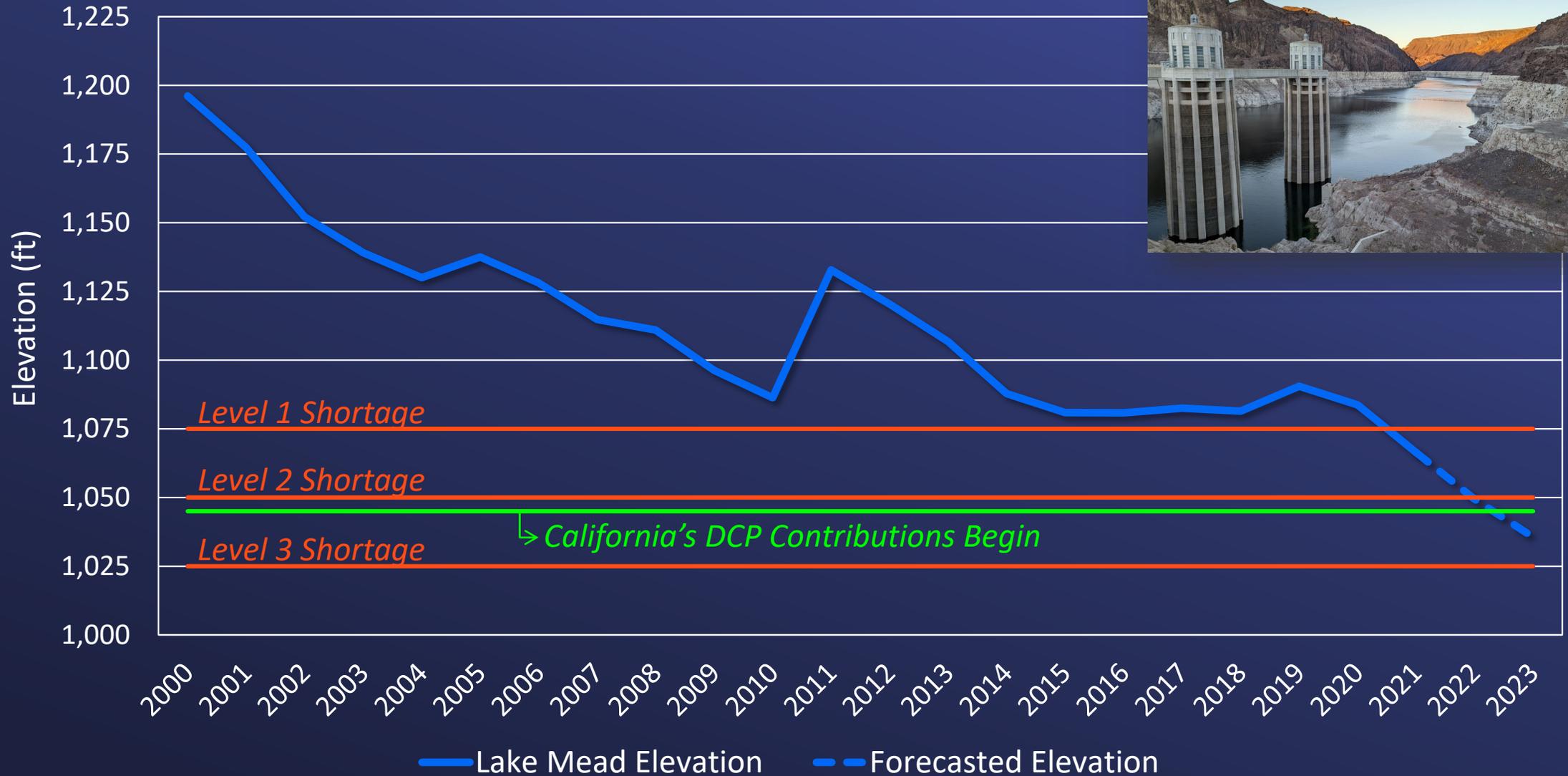
- Jan –Feb 2022 driest on record (8-Station)
- Runoff forecast has been decreasing since December
- Department of Water Resources plans to reduce the State Water Project Table A allocation

Hydrologic Conditions Upper Colorado River Basin.



- About average for this time of year
- Not seeing decreases in water content yet
- Metropolitan has supplies to fill available aqueduct capacity this year

Declining Lake Mead Elevation.



Key Findings of
the
2000-2021
Megadrought.

- Driest 22-year period since year 800
- 2002 and 2021 ranked among the driest
- Human-caused climate change is responsible for about 42% of the soil moisture deficit since 2000
- Drought likely to continue
(75% chance to continue to 30 years)

One Water



Regional Recycled Water
Program_

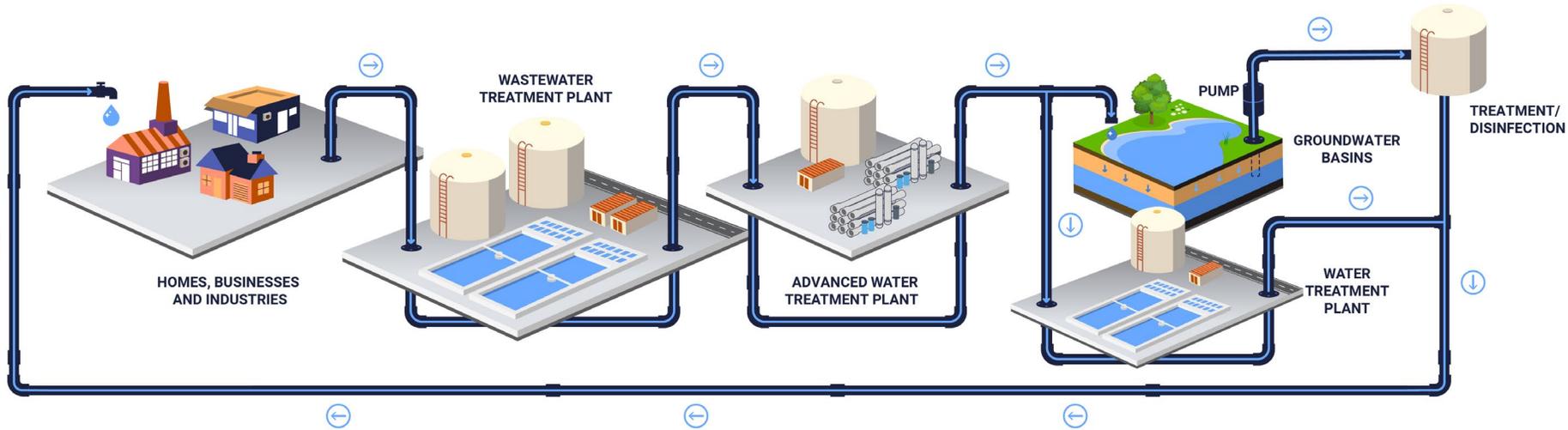
New Drought-Proof Water Source.

Date



Producing a Drought-Proof Supply of Water for Southern California

150 million gallons daily, enough for 500,000 homes



Regional Recycled Water Program_

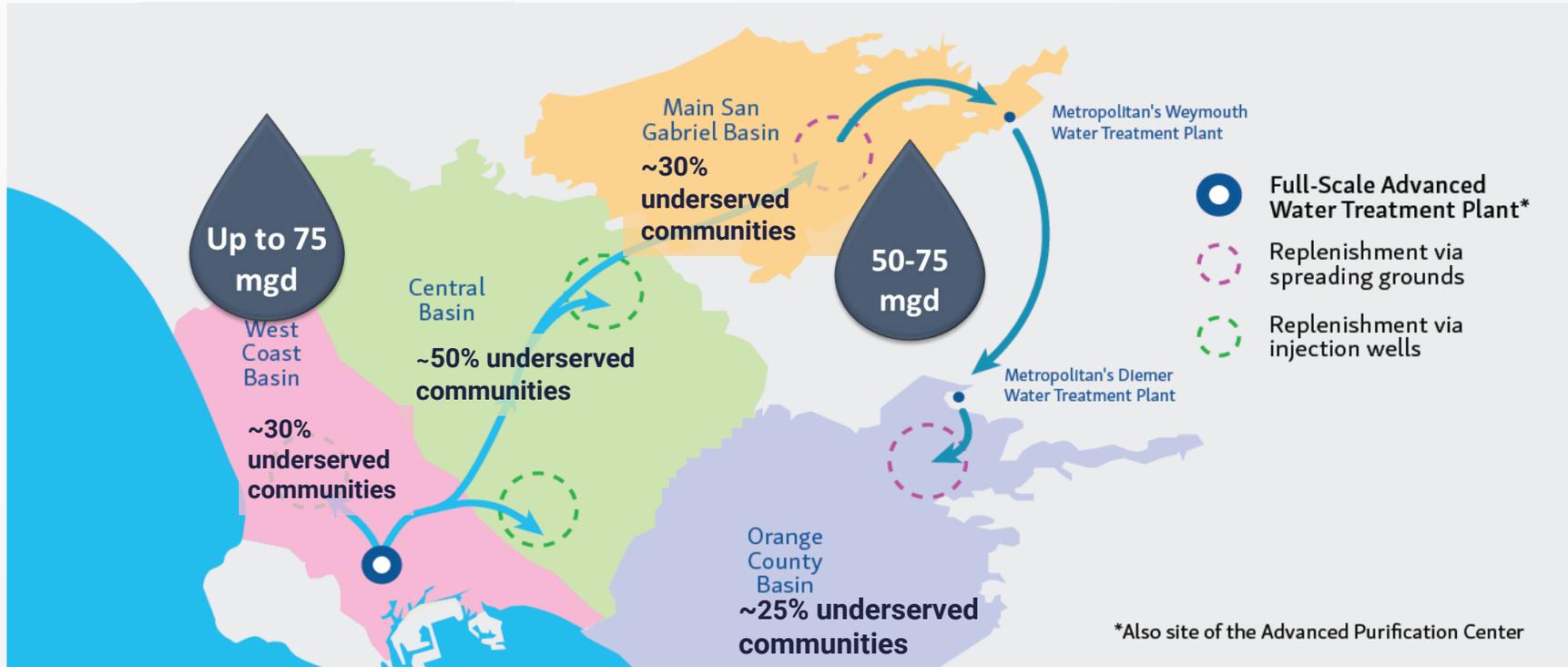
How It Works.

Wastewater from homes, businesses and industries in LA County

Cleaned at Sanitation Districts' Joint Water Pollution Control Plant in Carson

Purified at Metropolitan's Advanced Water Treatment Plant

Conveyed through 40+ miles of pipeline to groundwater basins, industries or Met treatment plants



Regional Recycled Water Program_

Groundwater Basins Served by Full-Scale Program.



mwdh2o.com
Bewaterwise.com

