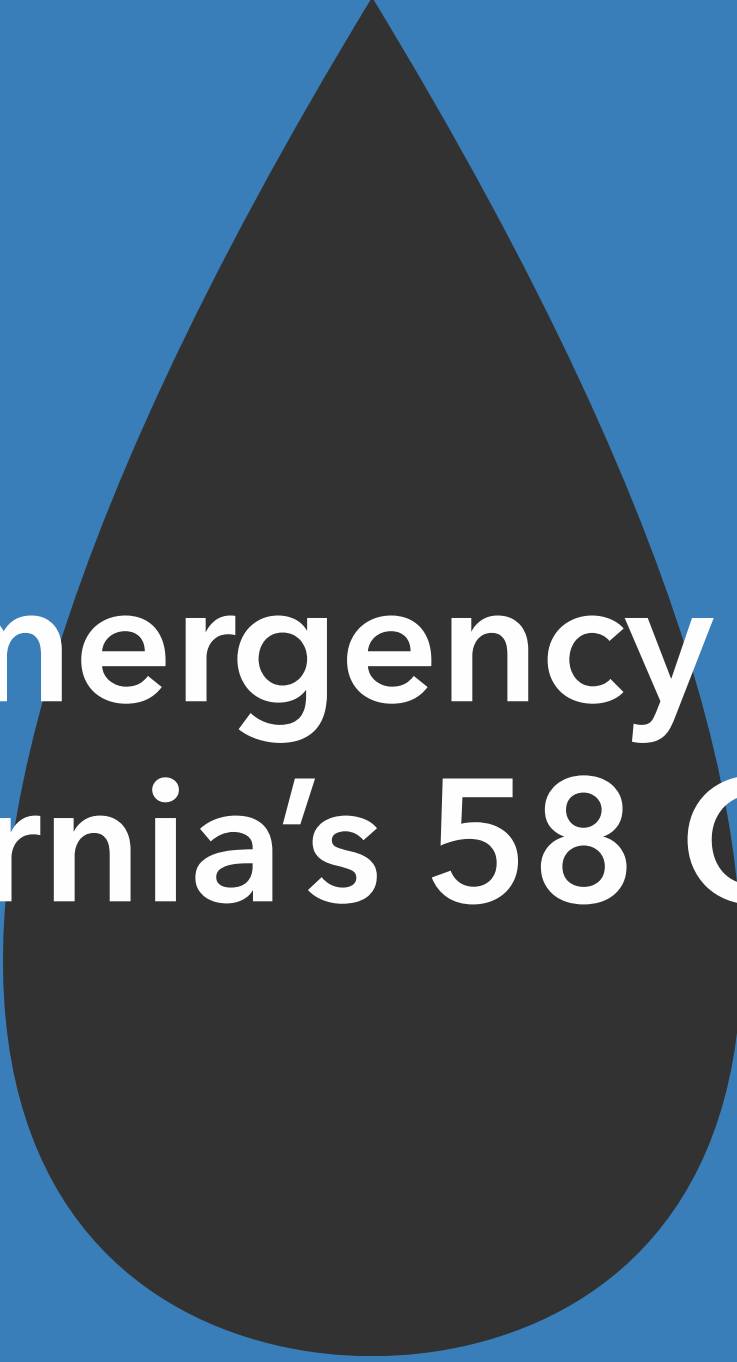


# Severe Water Supply Shortage

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Montclair City Council  
May 16, 2022





# State of Emergency Declared for California's 58 Counties

# U.S. Drought Monitor California

**May 10, 2022**

(Released Thursday, May. 12, 2022)

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	99.86	95.14	59.81	0.00
<b>Last Week</b> <i>05-03-2022</i>	0.00	100.00	100.00	95.18	40.51	0.00
<b>3 Months Ago</b> <i>02-08-2022</i>	0.00	100.00	99.25	66.39	1.39	0.00
<b>Start of Calendar Year</b> <i>01-04-2022</i>	0.00	100.00	99.30	67.62	16.60	0.84
<b>Start of Water Year</b> <i>09-28-2021</i>	0.00	100.00	100.00	93.93	87.88	45.66
<b>One Year Ago</b> <i>05-11-2021</i>	0.00	100.00	100.00	94.31	73.33	13.53

## Intensity:

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

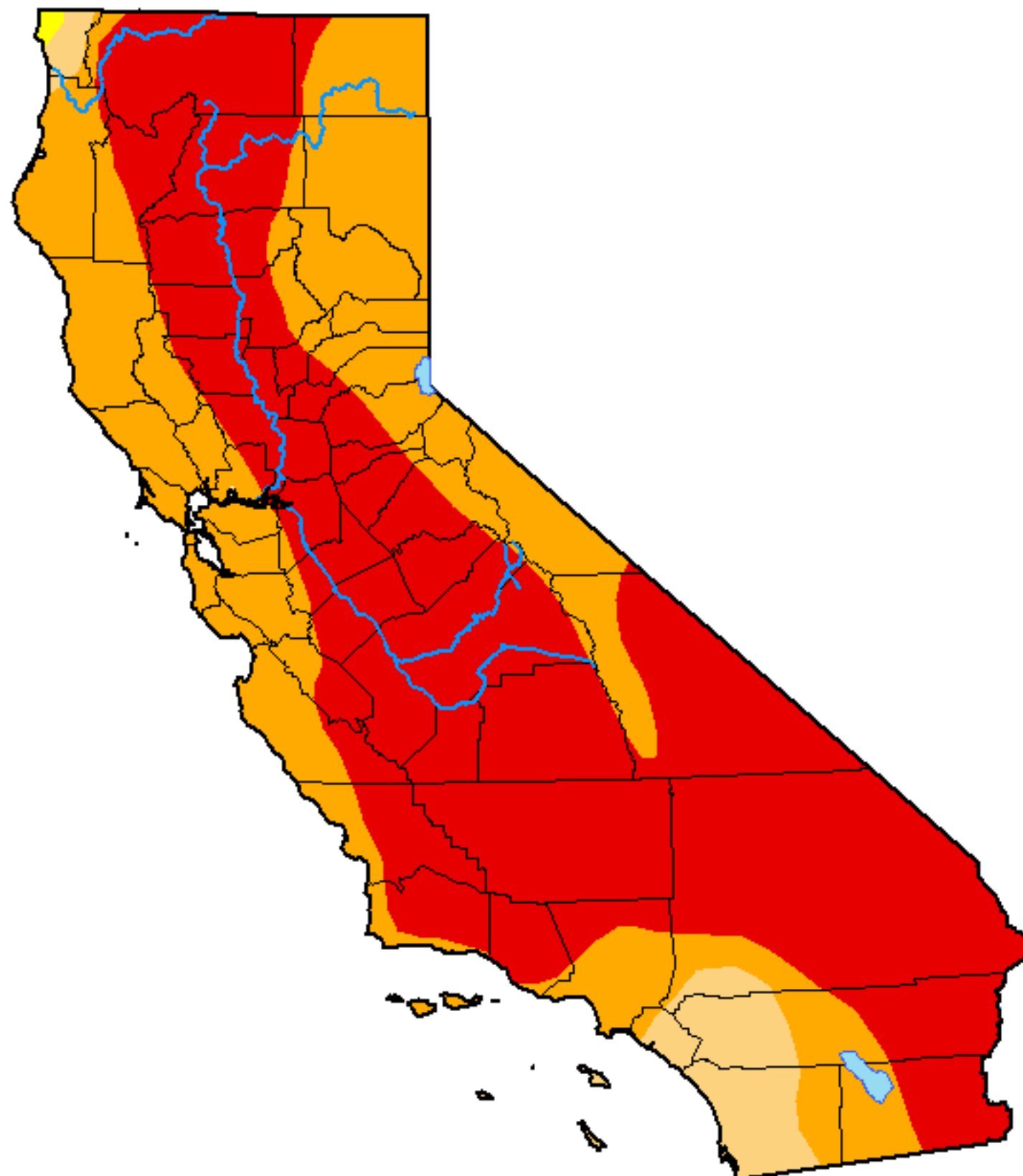
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

## Author:

David Simeral  
Western Regional Climate Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)





# Water Supply Shortage

## Groundwater



## Local Supplies

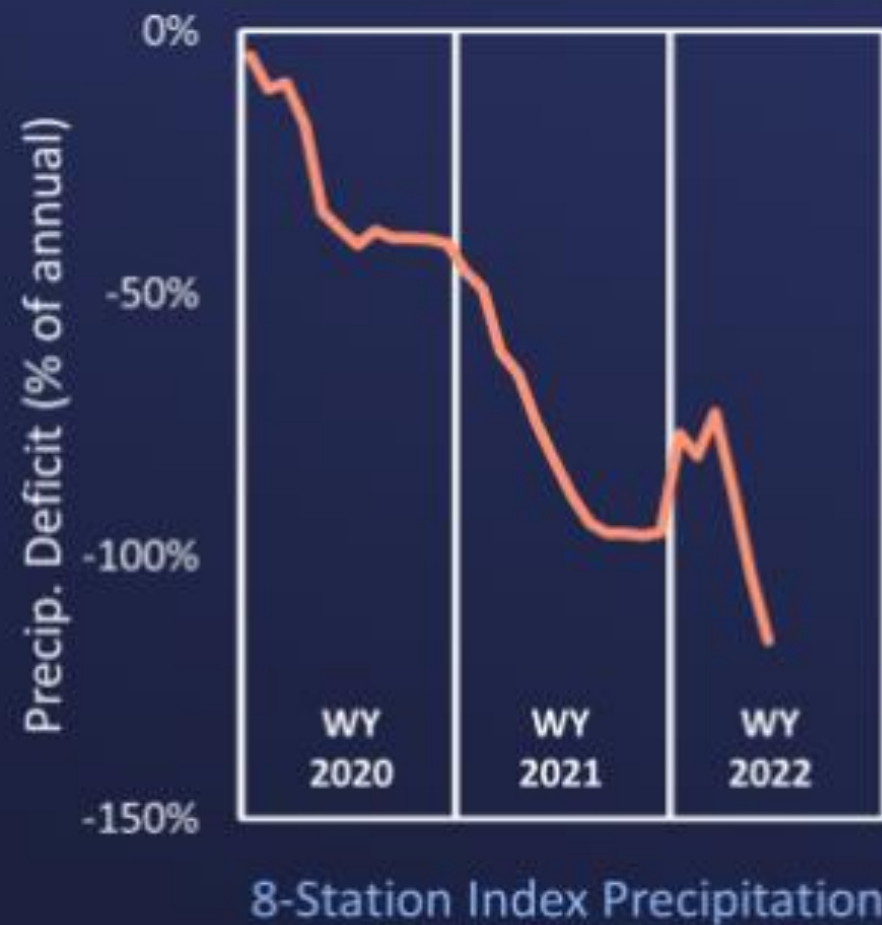


## Imported Water





# How did we get here?



## Third Year of Drought

- Driest 3 years
- Driest 3 months (Jan. – Mar.)
- Lowest 3-year total deliveries from State Water Project

Average Expectation for SWP

3.2 million AF

DWR's Lowest Forecast

1.0 million AF

Today

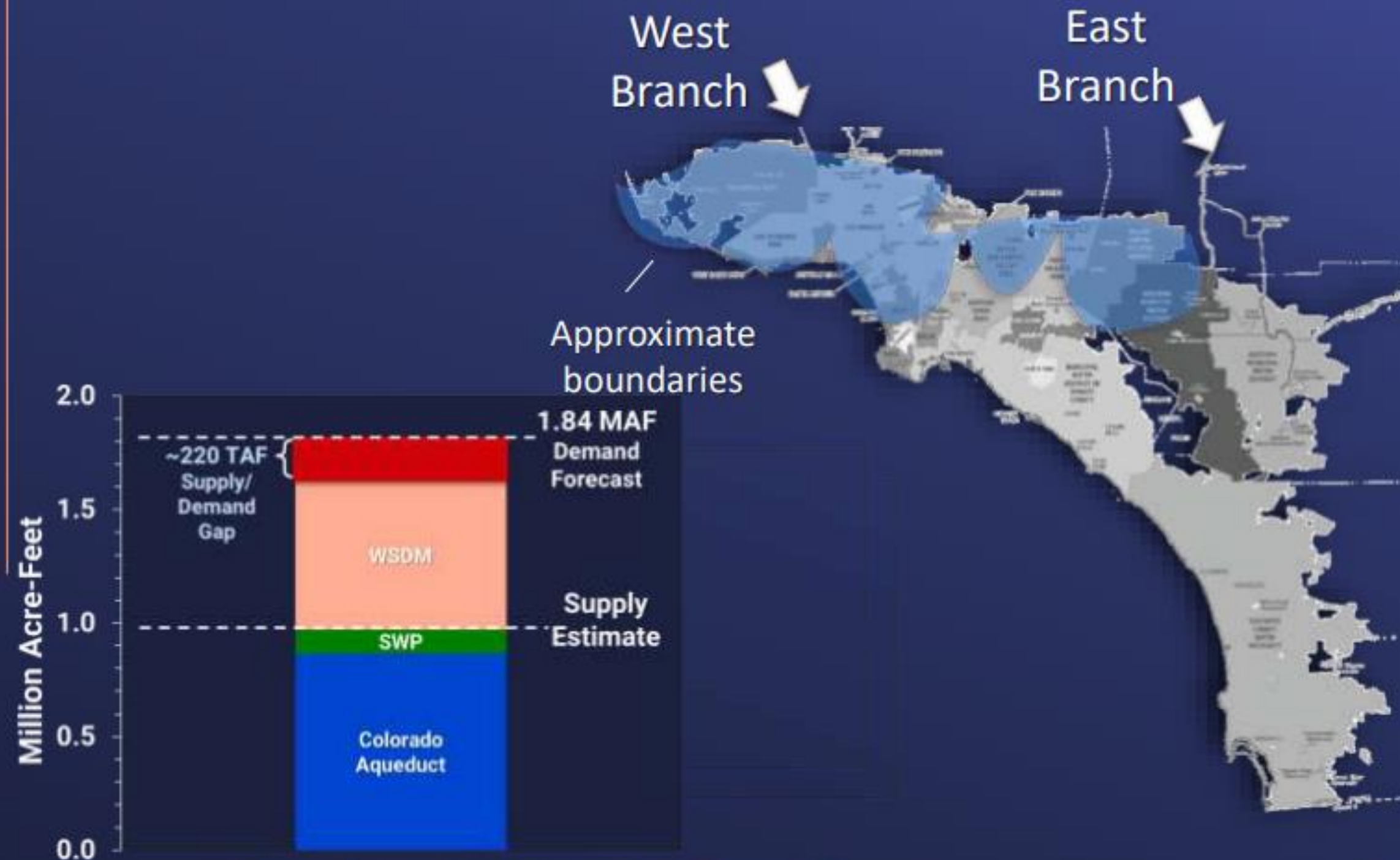
0.6 million AF



# Normal water demands cannot be met in the SWP dependent area

Emergency Conservation Program

Can we meet normal demands in the SWP dependent area?

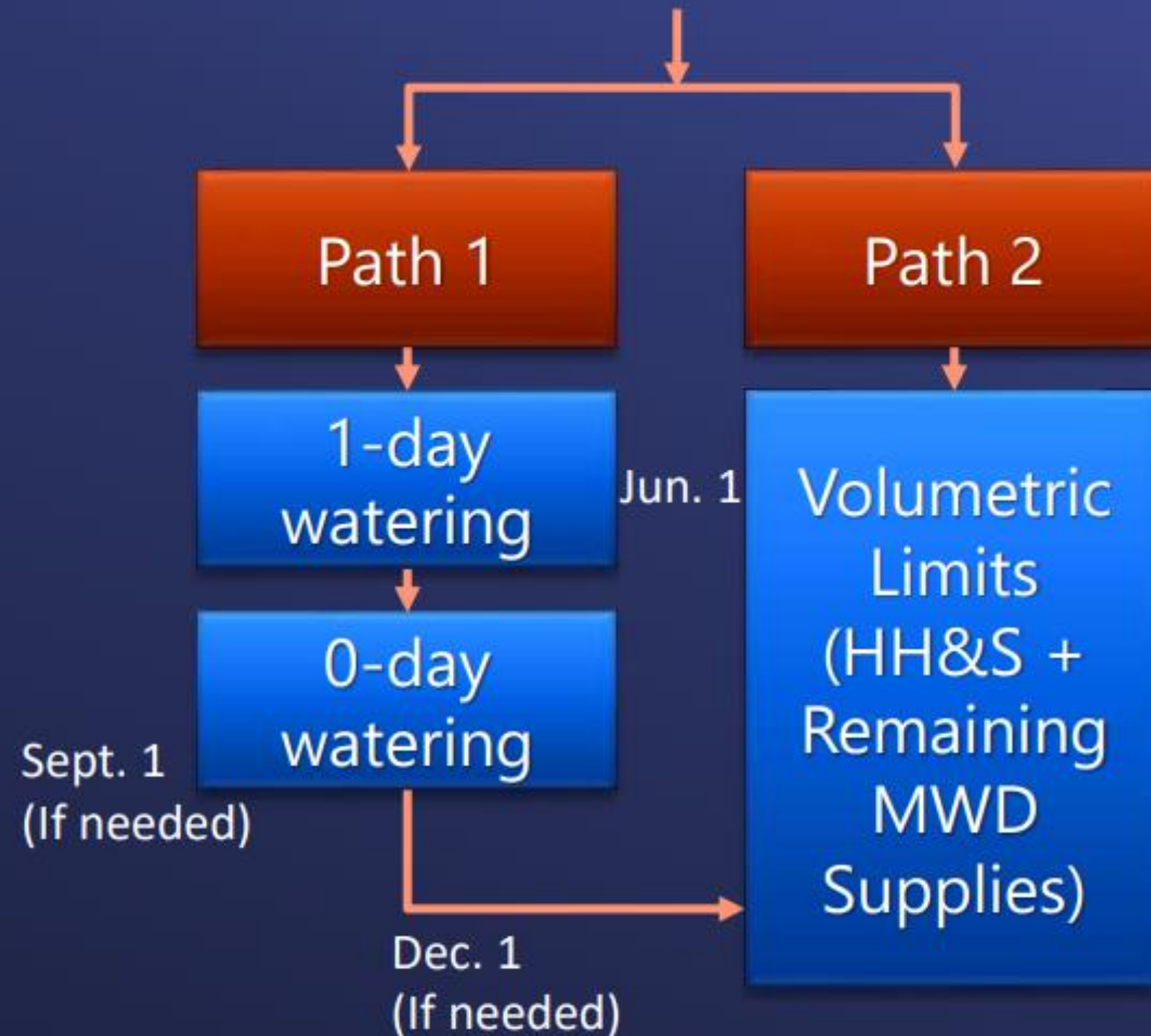




Water Shortage Emergency

# Framework of Emergency Water Conservation Program

## Two Paths for Compliance







Conservation has become a **California Way of Life** for MVWD customers, with per capita water use down about 40%.



Retail Agency	Baseline	2020 Target	2020 Actual*
Chino	237	189	169
Chino Hills	217	173	157
Cucamonga Valley Water District	290	232	206
Fontana Water Company	216	176	154
Monte Vista Water District	205	167	124
Ontario	245	196	161
Upland	275	220	210
<b>IEUA Region</b>	<b>245</b>	<b>193</b>	<b>171</b>

*All values reported in gallons per capita per day (GPCD).*



# Water Use Requirements



Irrigate on T/TH/Sat  
8 p.m. – 8 a.m.

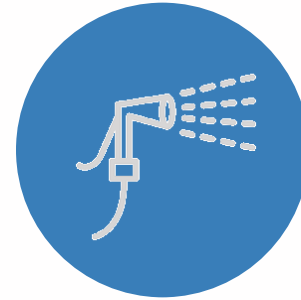
No excessive  
run-off

No watering 24  
hours after rain

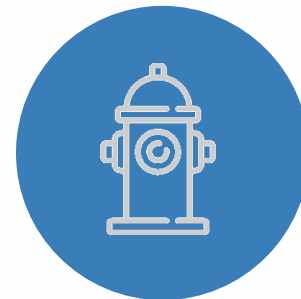
Repair leaks within 7  
days of discovery



No hosing down  
pavement or  
buildings



Use shutoff nozzles  
to wash vehicles



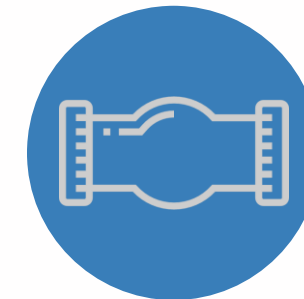
Fire hydrant use  
restricted to fire  
fighting only



Restaurants serve  
water only upon  
request



Hotels provide  
option not to  
launder linen daily



Wholesale deliveries  
to Chino Hills reduced  
15%



# Enhanced Conservation Programs & Communications:



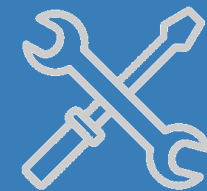
Use existing communications tools and methods.



Deploy high visibility messaging throughout the service area.



Enhance existing water use efficiency programs



Implement new program that offers solutions to identify and repair leaks

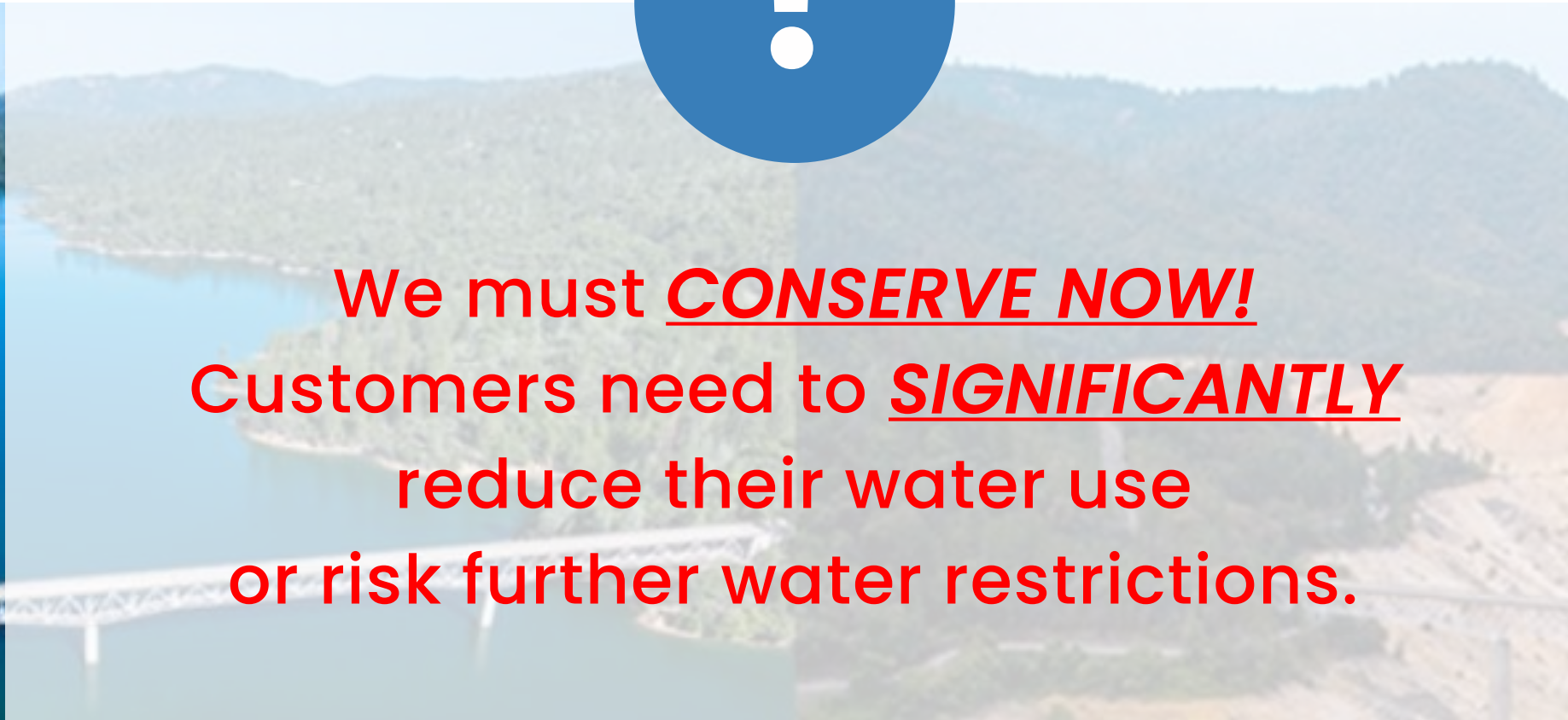




We must **CONSERVE NOW!**  
Customers need to **SIGNIFICANTLY**  
reduce their water use  
or risk further water restrictions.



**Summer water supply in 2019.**



**Summer water supply in severe drought (2021).**





# Spreading the Word

## Newspaper Ads



## Direct Mail / Program Outreach



## Bill Insert





# QUESTIONS?

