## Severe Water Supply Shortage

Montclair City Council May 16, 2022



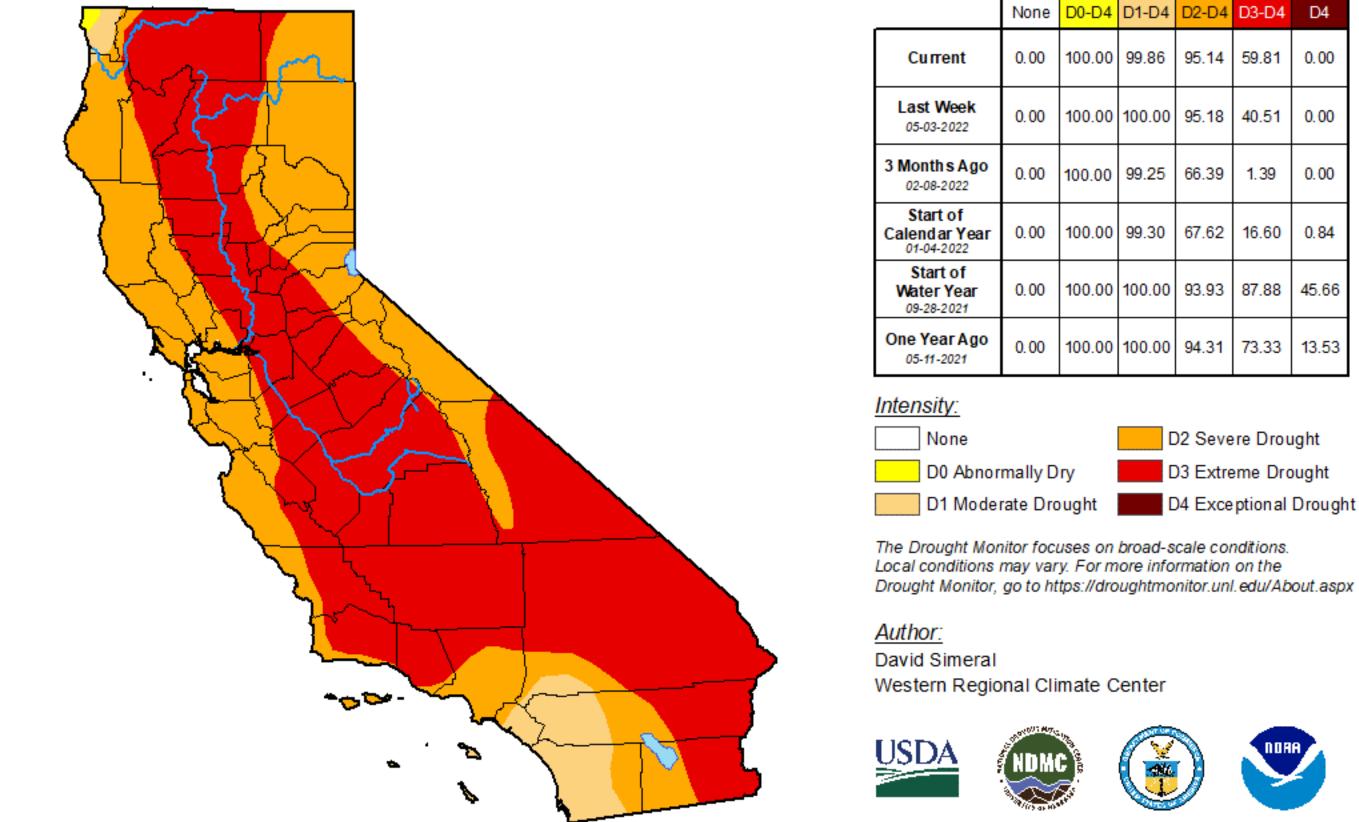


# State of Emergency Declared for California's 58 Counties

May 16, 2022

Montclair City Council

## U.S. Drought Monitor California

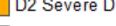


### May 10, 2022 (Released Thursday, May. 12, 2022) Valid 8 a.m. EDT

### Drought Conditions (Percent Area)

	-					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
urrent	0.00	100.00	<mark>99.86</mark>	95.14	59.81	0.00
<b>st Week</b> 5-03-2022	0.00	100.00	100.00	95.18	40.51	0.00
onth s Ago 2-08-2022	0.00	100.00	99.25	66.39	1.39	0.00
tart of ndar Year 1-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
Start of Iter Year 9-28-2021	0.00	100.00	100.00	93.93	87.88	45.66
Year Ago 5-11-2021	0.00	100.00	100.00	94.31	73.33	13.53





D4 Exceptional Drought

droughtmonitor.unl.edu

## Water Supply Shortage

### Groundwater



## **Local Supplies**



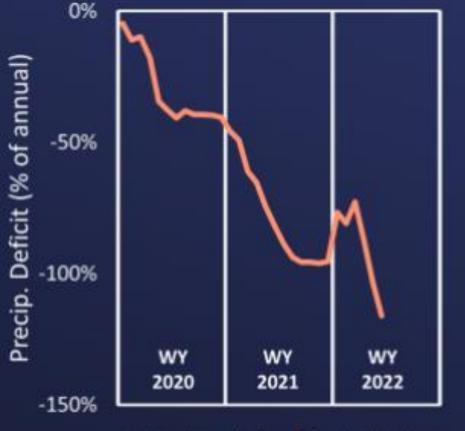
May 16, 2022

### Imported Water



**Emergency Conservation Program** 

## How did we get here?



8-Station Index Precipitation

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

**DWR's Lowest Forecast** 

Today

April 12, 2022

### 3.2 million AF

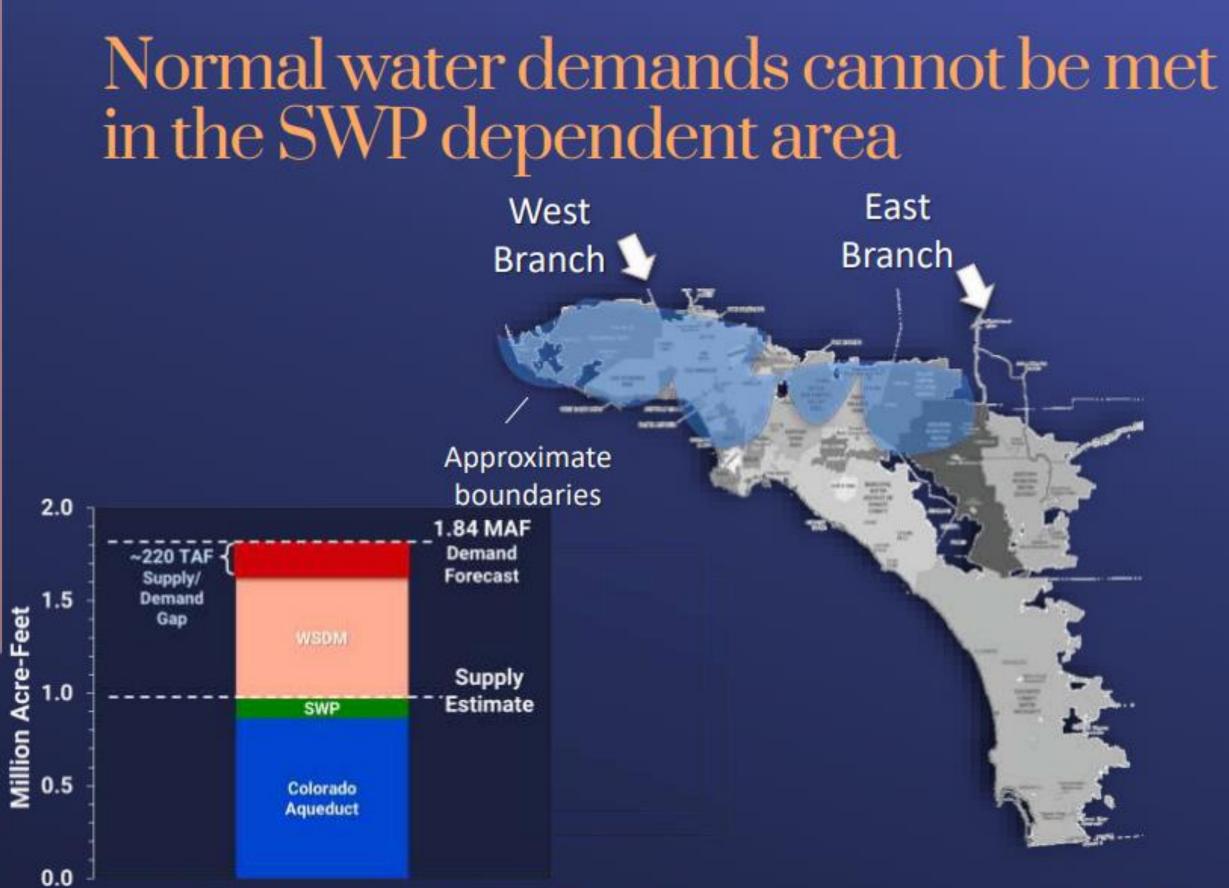
### 1.0 million AF

### 0.6 million AF

Item 9-2 Slide 3

**Emergency Conservation Program** 

Canwe meet normal demands in the SWP dependent area?



East Branch



Water Shortage Emergency

## Framework of Emergency Water Conservation Program

April 26, 2022

**Special Board Committee** 

Volumetric (HH&S +Remaining Supplies)

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
IEUA Region	245	193	171

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 J.

Use shutoff nozzles to wash vehicles



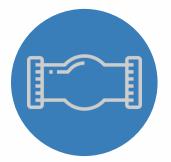
Fire hydrant use restricted to fire fighting only Restaurants serve water only upon request

May 16, 2022





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

May 16, 2022

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



## Direct Mail / **Program Outreach**



May 16, 2022



### **Bill Insert**

### ATTN MVWD CUSTOMERS: SEVERE WATER SHORTAGE - CUT WATER USE NOW!

California faces its third driest year on record, resulting in reduced water in storage.

We rely on stored water for hot, dry summer months when water use typically increases The time is now. We must do our part to conserve now or risk further restrictions on water use.

MVWD customers are urged to significantly cut back outdoor watering, if possible to one day per week, while hand watering trees to maintain plant health.

See water being wasted? Report it so we can address it! aste or call 909-267-2130.

ATENCIÓN CLIENTES DE MVWD: GRAVE ESCASEZ DE AGUA – ¡REDUZCA EL USO DE AGUA AHORA

### California se enfrenta en el tercer año más seco en el registro, resultando en una reducción de agua almacenada. Dependemos del agua almacenada para los meses calurosos y secos del verano, cuando normalmente el uso de agua aumenta. El tiempo es ahora. Tenemos que hacer nuestra parte para conservar ahora o nos arriesgamos a más restricciones en el uso del agua. Se les urge a los clientes de MVWD que reduzcan significativamente el riego al aire

libre, si es posible a <u>un día por semana</u>, mientras se riegan los árboles a mano para mantener la salud de las plantas.

> ¿Ve que se desperdicia el agua? ¡Repórtelo! vd.org/reportwaste o llámenos al 909-267-2130.

## **QUESTIONS?**

May 16, 2022

