



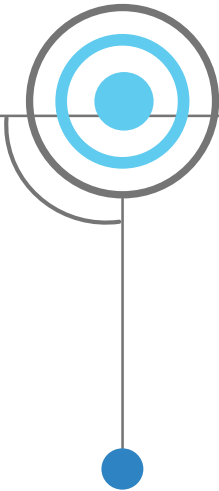
Status of Drought Conditions Update

Special Meeting

April 4, 2023

Background

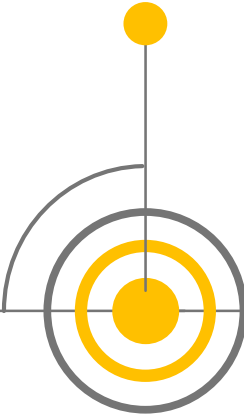
July 2021



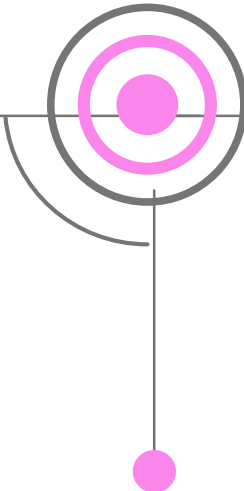
Governor Gavin Newsom called upon the entire State of California to reduce water consumption by 15%.

A proclamation was issued extending drought emergency conditions statewide, which extended to Los Angeles County.

October 2021



December 2021




City Council implemented Phase II of the Water Conservation Plan.

Monrovia began enforcement of Phase II water requirements.

March 2022

March 2023



Governor Gavin Newsom eases drought restrictions and ends the voluntary 15% water conservation target

Phase II - Mandatory Conservation

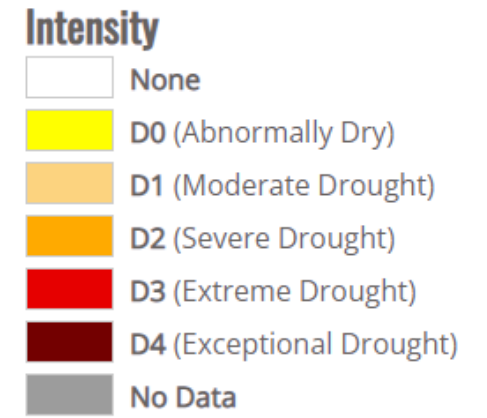
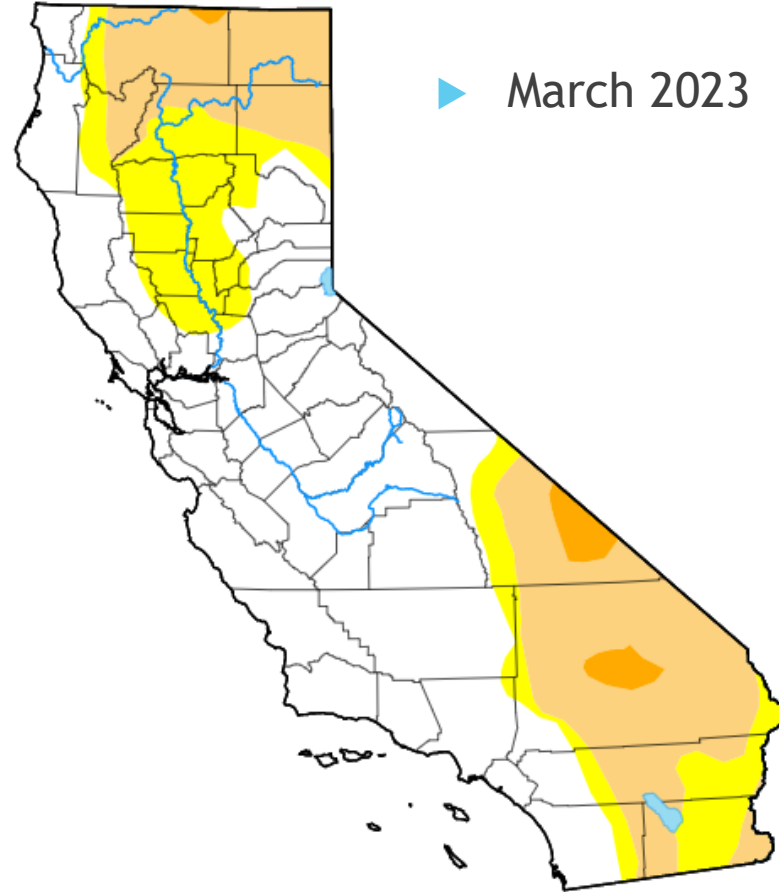
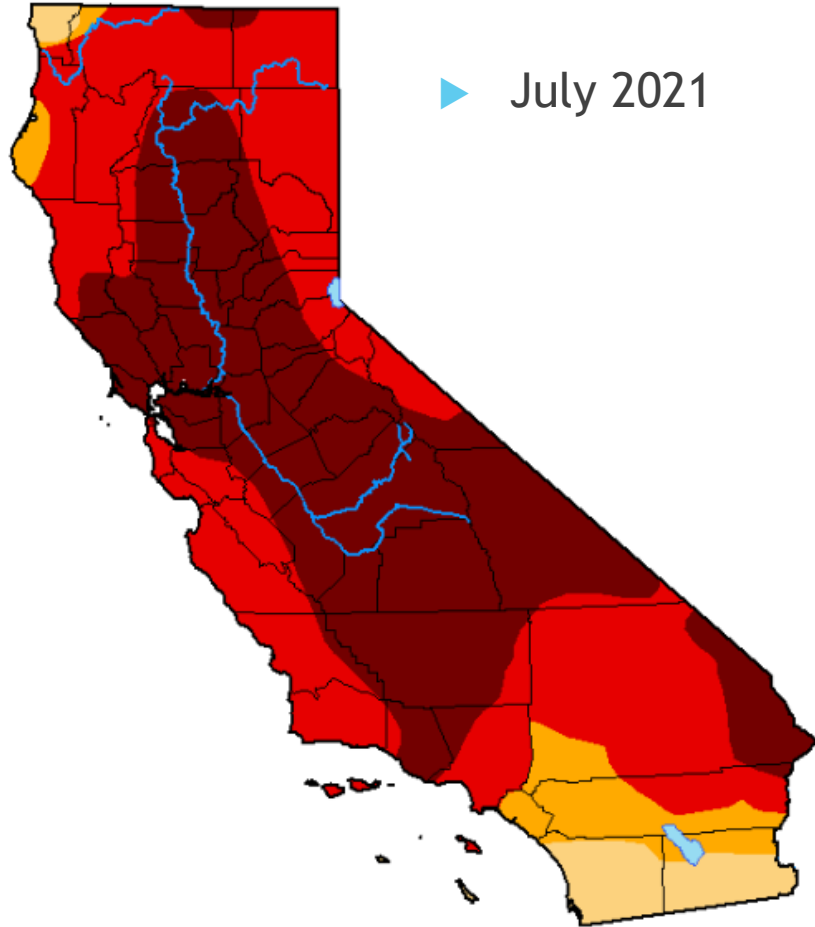
- ▶ Phase II requires mandatory water use restrictions and water conservation of 10% from the base period allocation (year 2020).
- ▶ Residents and businesses who exceed 90% of their base period allocation, are charged a penalty rate for each unit in excess.

Water Consumption Rates	
Description	Drought Penalty Rate For Each Billing Unit**
New Construction (after 3/8/18) of 5+ Residential Units	6.54
Residential Single, Residential Multi, Commercial	4.88
Senior* <i>Discount program offered to customers 65 years or older</i>	4.64
Low Income* <i>Discount program offered to customers with household income at or below 50% of LA County median income</i>	3.66
Low Income Senior* <i>Discount program offered to customers 65 yrs or older and with household income at or below 50% of LA</i>	3.66
Veteran* <i>Discount program offered to customers who served in a branch of the US Armed Forces</i>	3.66
Lifeline <i>Legacy discount program previously offered to customers 62 yrs or older, disabled and low income</i>	1.70
<i>*In order to qualify for the discount program: 1) Applicant's name must appear on the Municipal Utility Bill, 2) Applicant must live at the property, 3) The property must be a single-family dwelling unit.</i>	
<i>**Each billing unit is equivalent to approximately 748 gallons or 1,000 cubic feet of water.</i>	

Current Rainy Season (Oct. 1, 2022-April 2023)

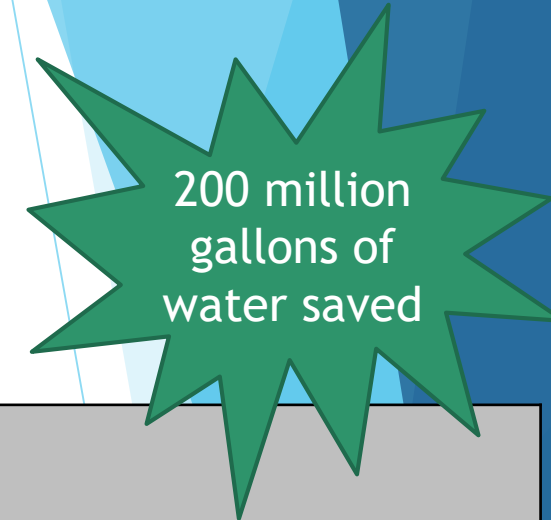
- ▶ Santa Anita Dam has received 45.39” (Avg. 25.48”)
- ▶ Sawpit Dam has received 42.33” (Avg. 25.48”)
- ▶ Cogswell Dam has received 65.2” (Avg. 33.04”)
- ▶ Current Key Well Level: 198.8 Ft (Council report from 3/21 was 194.61 ft)

Drought Map Update



Phase II: Water Usage Comparison 2020

- ▶ A comparison of the City of Monrovia’s water production needs from the start of Phase II in March 2022 compared to the respective months in 2020 shows an overall 11% decrease in water usage.



Water Production in Gallons
2020 Comparison

	March	April	May	June	July	August	September	October	November	December	January	February	Total
2020	139,780,000	141,838,000	210,500,000	198,698,000	230,022,000	265,849,000	222,783,000	247,865,000	170,570,000	182,623,000	167,983,000	140,818,000	2,319,329,000
2022	171,182,000	168,550,000	186,681,000	182,158,000	196,449,742	205,920,409	190,225,750	178,539,880	146,878,717	136,604,013	117,711,687	117,228,282	1,998,129,480
Monthly + / -	31,402,000	26,712,000	-23,819,000	-16,540,000	-33,572,258	-59,928,591	-32,557,250	-69,325,120	-23,691,283	-46,018,987	-50,271,313	-23,589,718	-321,199,520
Month-to-Month Comparison	22.47%	18.83%	-11.32%	-8.32%	-14.60%	-22.54%	-14.61%	-27.97%	-13.89%	-25.20%	-29.92%	-16.75%	-13.85%

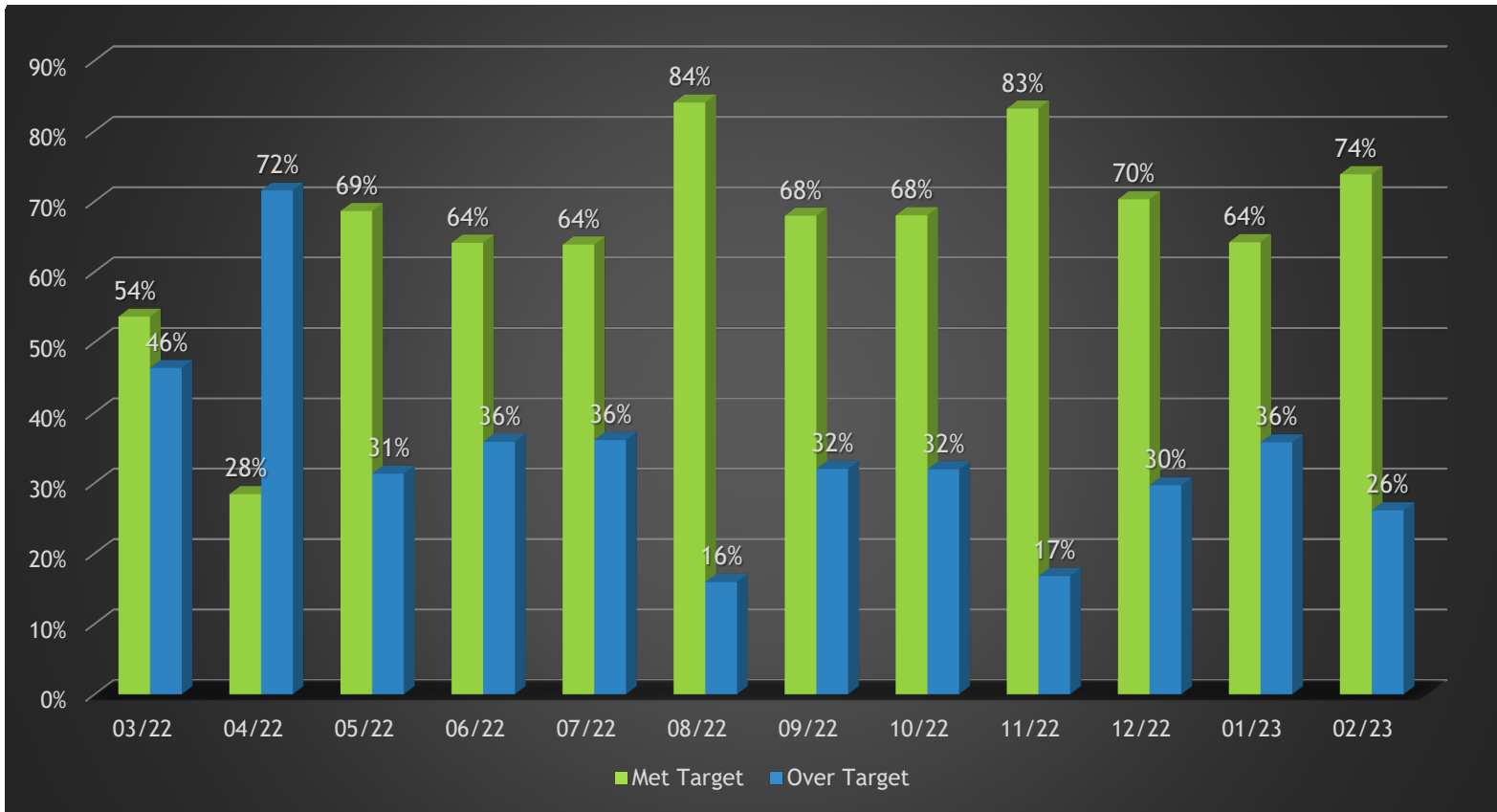
Consumption Comparison 2021 vs. 2022

- ▶ A comparison of the City of Monrovia’s water production needs from the start of Phase II in March 2022 compared to the respective months in 2021 shows an overall 11% decrease in water usage.

Water Production in Gallons
2021 Comparison

	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	Total
2021	182,623,000	167,983,000	140,818,000	154,961,000	175,794,000	210,297,000	213,550,000	243,871,000	233,771,000	213,699,000	202,793,000	180,905,000	141,154,000	152,016,000	151,386,000	2,765,621,000
2022	141,154,000	152,016,000	151,386,000	171,182,000	168,550,000	186,681,000	182,158,000	196,449,742	205,920,409	190,225,750	178,539,880	146,878,717	136,604,013	117,711,687	117,228,282	2,442,685,480
Monthly + / -	-41,469,000	-15,967,000	10,568,000	16,221,000	-7,244,000	-23,616,000	-31,392,000	-47,421,258	-27,850,591	-23,473,250	-24,253,120	-34,026,283	-4,549,987	-34,304,313	-34,157,718	-322,935,520
Month-to-Month Comparison	-22.71%	-9.51%	7.50%	10.47%	-4.12%	-11.23%	-14.70%	-19.45%	-11.91%	-10.98%	-11.96%	-18.81%	-11.69%	-14.35%	-17.11%	-11.68%

Phase II: Water Conservation



- ▶ Number of accounts in excess has decreased since March 2022.
- ▶ Since April 2022, less than 50% of the accounts have gone over target
- ▶ February 2023 almost 75% of accounts met target

Restrictions that were rolled back:

- ▶ 15% water conservation target;
- ▶ Requirement for local water agencies to implement level 2 of their drought contingency plan.

Restrictions that remain:

- ▶ Encouraging Californians to make conservation a way of life;
- ▶ Maintain the ban on wasteful water uses including prohibitions on watering lawns within 48 hours of rainfall;
- ▶ Maintains a state of emergency for all 58 counties to allow for drought response and recovery efforts to continue.

Questions?