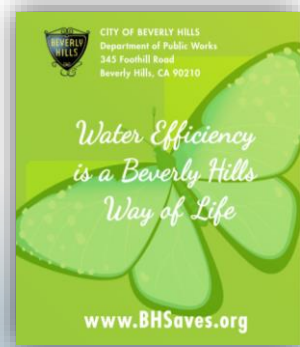




# Water Efficiency & Drought Update

## Public Works Department

August 11, 2022



By: Debby Dunn  
Water Conservation  
Administrator





# Drought Severity

## Drought Vs Aridity

- 💧 Water Board - some reservoirs have more water this year than last
- 💧 By Sept. likely historical lows
- 💧 New State regs on reporting and water sharing
- 💧 Increasing outreach





# Drought Outreach

Mailed to every single family and multi-family home



CITY OF BEVERLY HILLS  
Department of Public Works  
345 Foothill Road  
Beverly Hills, CA 90210



***URGENT:***  
**WE'RE IN A DROUGHT**


***PLEASE HELP OUT***

Monitor YOUR water use for Free!

Sign up at [Water.BeverlyHills.org](http://Water.BeverlyHills.org)

Label Here

**ONE RUNNING TOILET**  
can waste enough water to fill a pool in FOUR days






**NEW CITY WATER REGULATIONS**

- Water 2 days per week
- Appx 8 minutes for overhead sprinklers
- Appx 15-20 for drip irrigation
- No watering 9 am to 6 pm
- No water runoff in streets
- Deep water trees when needed
- Leaks must be fixed in 7 days
- Violations will be issued
- 30% Water Reduction Target Citywide

<b>NEW WATERING SCHEDULE &amp; REGULATIONS</b>	North of Santa Monica	Mon & Fri
	South of Santa Monica	Tue & Sat

BEVERLY HILLS CODE: 9-4-304




We are here to help:  
[www.BHSaves.org](http://www.BHSaves.org) | [AskPW@beverlyhills.org](mailto:AskPW@beverlyhills.org) | 310-285-2467

6/2022



# Drought Outreach

Posted in every City facility restroom



**STAGE C** continue to conserve  
communicate with your gardener  
correct leaks

**WE'RE IN A DROUGHT  
PLEASE HELP OUT**

*STAGE C water conservation restrictions are  
now in effect.*

**30% REDUCTION**

**TIPS**

- 2 day per week watering restrictions
- Use water efficiently indoors
- Report all leaks



Information: [bhsaves.org](http://bhsaves.org) | 310-285-2467

Track your water use: [water.beverlyhills.org](http://water.beverlyhills.org)

Report water waste: [beverlyhills.org/waterwaste](http://beverlyhills.org/waterwaste)



# Drought Outreach

- Additional Items
  - ✓ Postcard
  - ✓ Restroom signs
  - ✓ Drought Workshops
- Enforcement Actions:
  - ✓ Excessive Irrigation
  - ✓ Water Run Off
  - ✓ Continuous flow issues

**Finding a Leak**  
It is not uncommon for continuous water flow from a leaking faucet to waste up to 200 gallons of water a day. The City of Beverly Hills has a helpful tool called Continuous Flow Meters (such as a leak or flow meter) to help you find a leak.

**Caring for Your Lawn Water Conservation Tips**  
If you don't want a water wise landscape, at least water wisely! Grass does not have to be a water waster!

**WATERING GUIDELINES**  
On average, outdoor water use accounts for about two-thirds of a typical home's water use. Many homeowners over water their lawns by 50% to 100%! Not only can overwatering be bad for your lawn, it often causes the excess water to run off the landscape, into the street and down our storm drains.

**Cuidado del Césped Consejos para Conservar Agua**  
Si usted no desea un jardín de bajo consumo de agua, igual se puede regar sabiamente! Tener un césped verde no significa gastar agua!

**GUÍAS DE RIEGO**  
En promedio, el uso de agua para riego a jardines representa aproximadamente dos tercios del consumo de agua en un hogar. Muchos propietarios sob riegan sus céspedes entre un 50% a 100%. No sólo puede dañar su césped, también puede causar que el exceso de agua se desborde a la calle y se desague al alcantarillado.

**PASOS FÁCILES PARA REGAR SU CÉSPED**  
1. Riegue entre las 5 de la tarde y las 9 de la mañana.  
2. Riege solo entre 2 a 3 días a la semana.  
3. Riege sólo cuando el suelo está seco.  
4. Use un riego por goteo.  
5. Use un riego por goteo.  
6. Use un riego por goteo.

**WATER TRACKER**  
This FREE program will notify Beverly Hills water customers of water flow issues based on leaks once after their next Sign Up for the City of Beverly Hills Water Tracker program and save water, money and future headaches!

**How to Sign Up**  
1. Visit [www.beverlyhills.org](http://www.beverlyhills.org) and click on "Sign Up Here".  
2. Enter your e-mail address and hit "Submit". Now check your email (possibly junk mail) for a link to create a password.  
3. Sign in to Water Tracker using your login email address and newly created password. You will then be asked to create a password.  
4. After you sign in, you will be asked to create a profile. Click "My Water Use" to start entering water usage information. You can enter water usage information for up to 12 months.  
5. After you enter your water usage information, you will be asked to create a profile. Click "My Water Use" to start entering water usage information. You can enter water usage information for up to 12 months.  
6. After you enter your water usage information, you will be asked to create a profile. Click "My Water Use" to start entering water usage information. You can enter water usage information for up to 12 months.

**MULTI-FAMILY WATER SAVING TIPS FOR TENANTS**  
The City of Beverly Hills encourages everyone to use water efficiently. The following water conservation tips will help you:  
• Keep an eye and ear out for running toilets and report them to the landlord immediately. To test your toilet, order dye tabs by contacting the City of Beverly Hills.  
• Report excessive outdoor watering or sprinkler runoff.  
• Install a low-flow showerhead (check with your landlord).  
• Install aerators on kitchen and bathroom faucets (check with your landlord).  
• Take shorter showers.  
• Capture water in your sink or shower and reuse it on your plants (the City offers free buckets to help).  
• Turn off the water when brushing your teeth.

**RUNNING TOILETS ARE THE #1 CAUSE OF LEAKS**  
ONE TOILET CAN LEAK UP TO 200 GALLONS EVERY HOUR

**FOR MORE WAYS TO SAVE**  
WWW.BHSAVES.ORG  
310-285-2467  
ASK@BEVERLYHILLS.ORG

**For Water Conservation Info, please visit [BHsaves.org](http://BHsaves.org) or call (310) 285-2492**



# Conservation Last 12 Months

Month/Yr	2013	2021/22	% Reduce	% Red Cumm
21-Aug	1184.4	958.5	19.07%	18.83%
21-Sept	1156.0	899.7	22.17%	18.77%
21-Oct	1101.5	860.2	21.91%	19.08%
21-Nov	939.2	759.2	19.15%	19.93%
21-Dec	888.6	580.6	34.66%	20.59%
22-Jan	862.2	591.0	31.45%	21.21%
22-Feb	762.9	701.8	8.01%	20.55%
22-Mar	932.4	798.9	14.23%	18.91%
22-Apr	969.3	757.0	21.90%	20.03%
22-May	1047.3	811.6	22.50%	20.85 %
22-June	1077.4	809.8	24.84%	21.27 %
<b>22-July</b>	<b>1185.5</b>	<b>869.1</b>	<b>26.69%</b>	<b>22.38 %</b>



# Conservation July 2015-2022

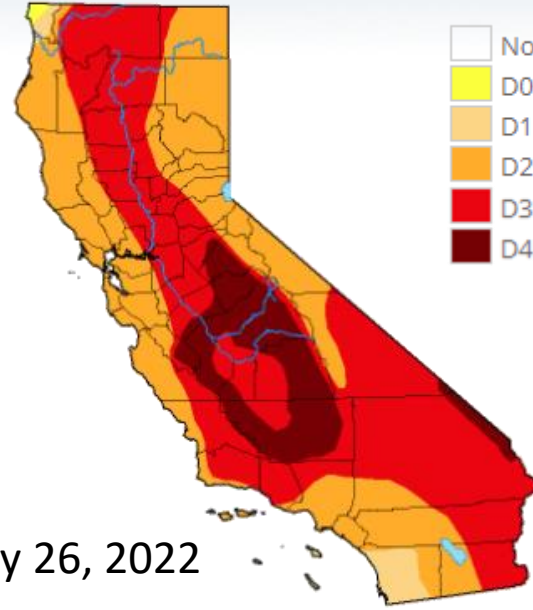
July	2013	Year	% Reduce
15-July	1185.5	929.0	21.60%
16-July	1185.5	923.3	21.40%
17-July	1185.5	1005.4	15.20%
18-July	1185.5	1044.9	11.90%
19-July	1185.5	942.7	20.48%
20-July	1185.5	949.1	19.94%
21-July	1185.5	991.9	16.33%
<b>22-July</b>	<b>1185.5</b>	<b>869.1</b>	<b>26.69%</b>



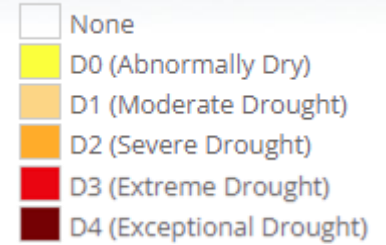
# California Drought Map



July 27, 2021



July 26, 2022



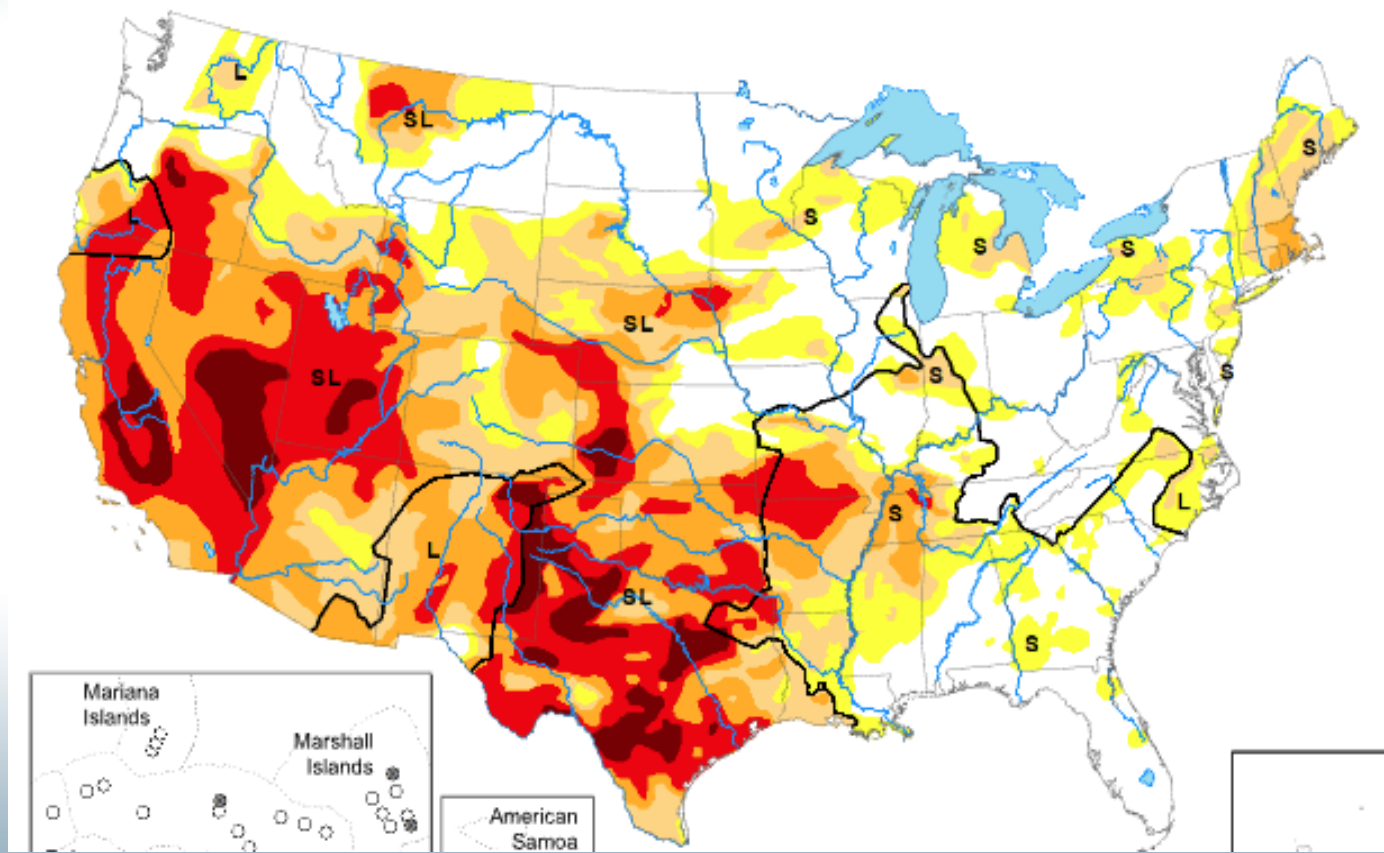
Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	2022-07-26	0.00	100.00	99.78	97.47	59.81	12.74	370
One Year Ago	2021-07-27	0.00	100.00	100.00	95.09	88.59	46.49	430





Map released: July 28, 2022

Data valid: July 26, 2022

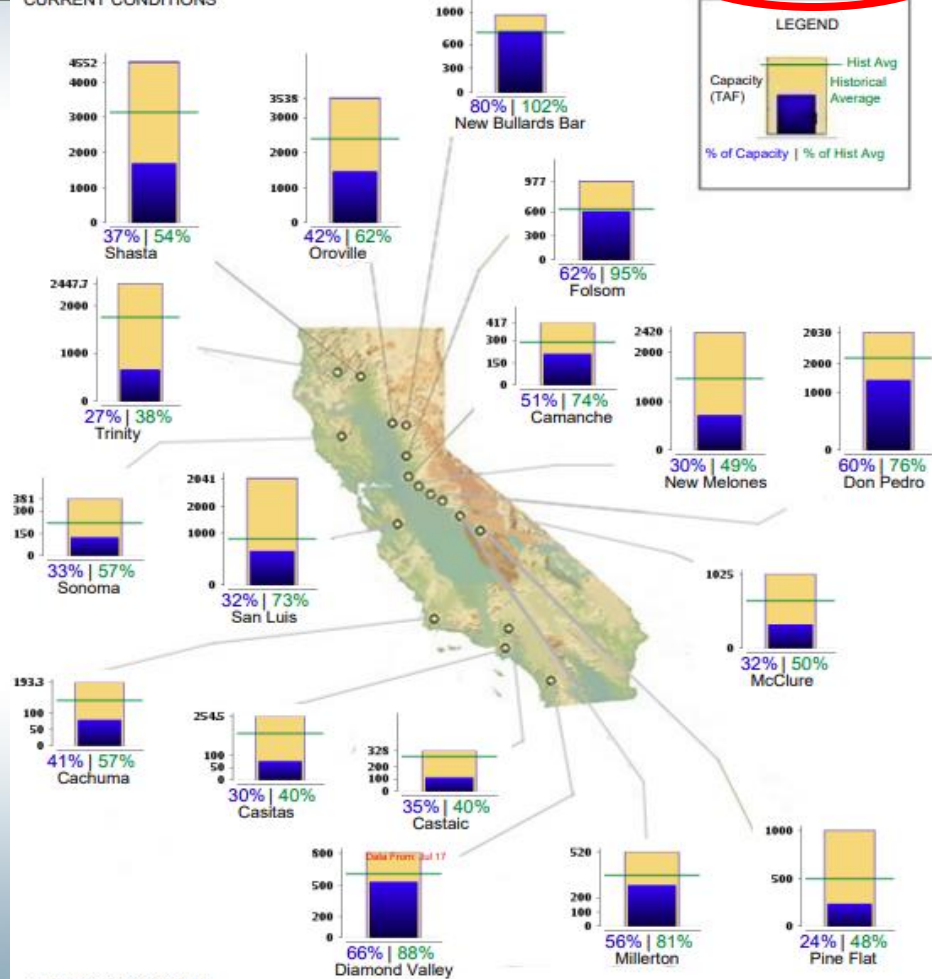




# CURRENT RESERVOIR CONDITIONS

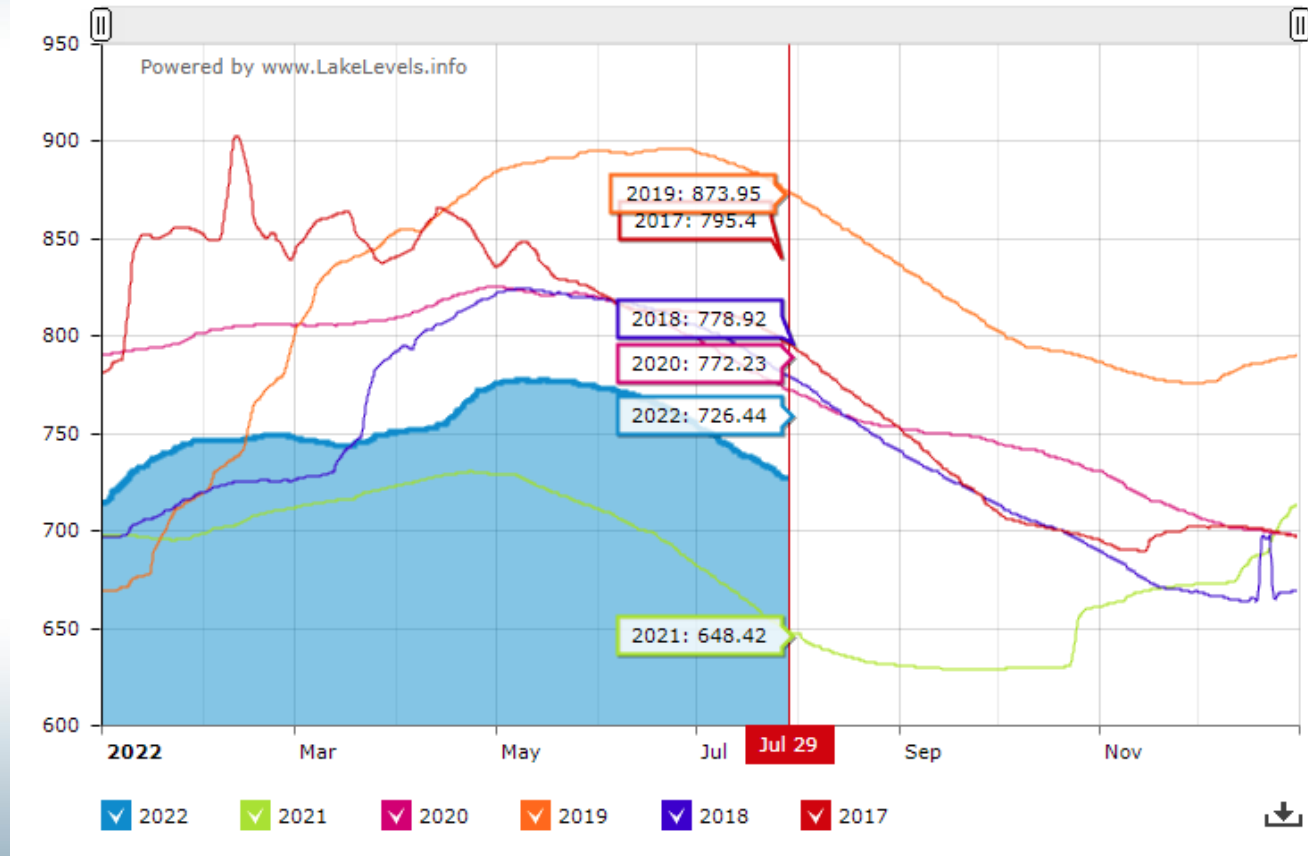
Midnight - July 28, 2022

## CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS



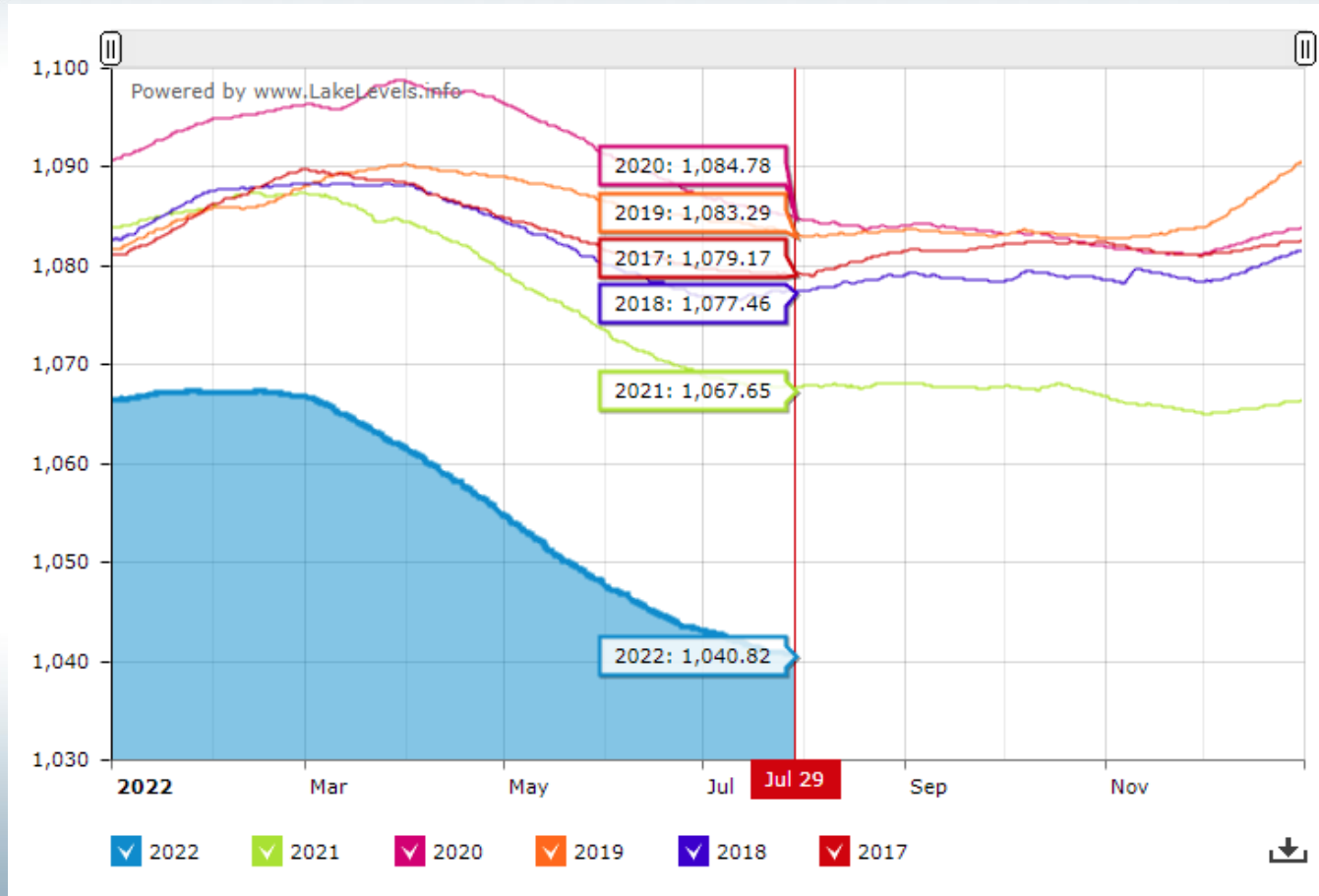


# Lake Oroville





# Lake Mead



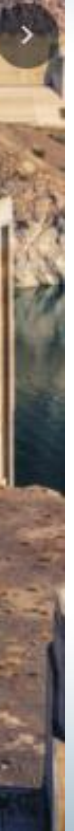


# Lake Mead



Lake Mead Drought Exposes Creepy Long-Lost Boat Loaded With Artifacts







# Largest Water Users

**FY 2020/2021**

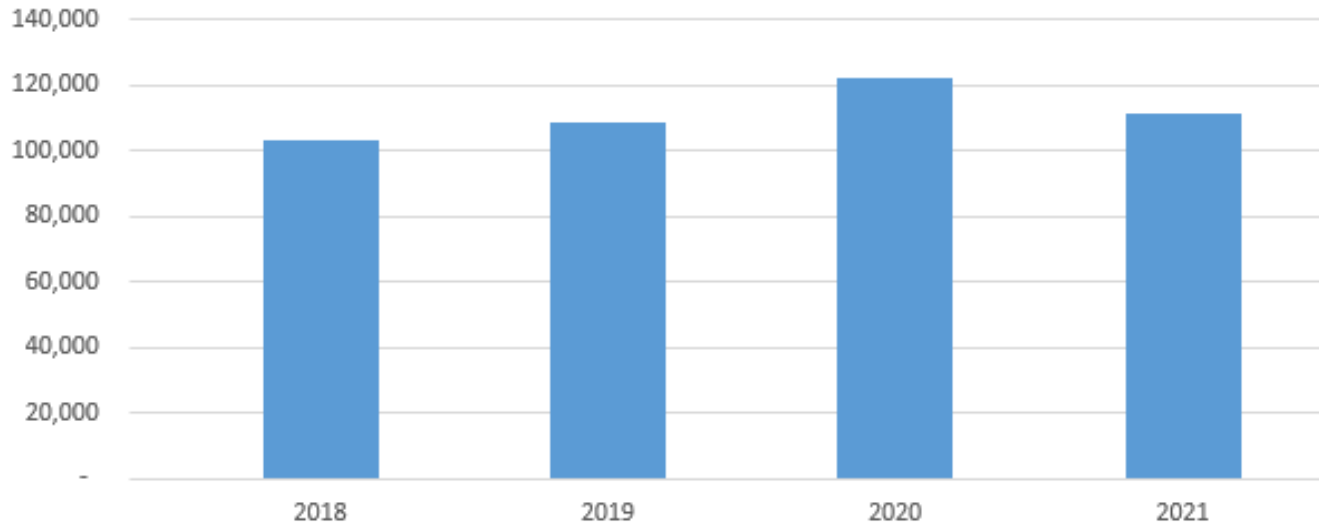
<b>Customer Type</b>	<b>12 Mo Usage (HCF)</b>
City of Beverly Hills	117,089
Hotel	28,895
Hotel	26,506
Large Property Mgmt Customer	21,250
Commercial	17,820
Hotel	16,688
Hotel	13,160
Hotel	11,829
Commercial	91,554
Commercial	8,389
<b>TOTAL</b>	<b>353,180</b>



# Water Use @ City Facilities

	BH CITY WATER (in Units)			
2018	2019	2020	2021	
103,373	108,483	121,872	111,183	

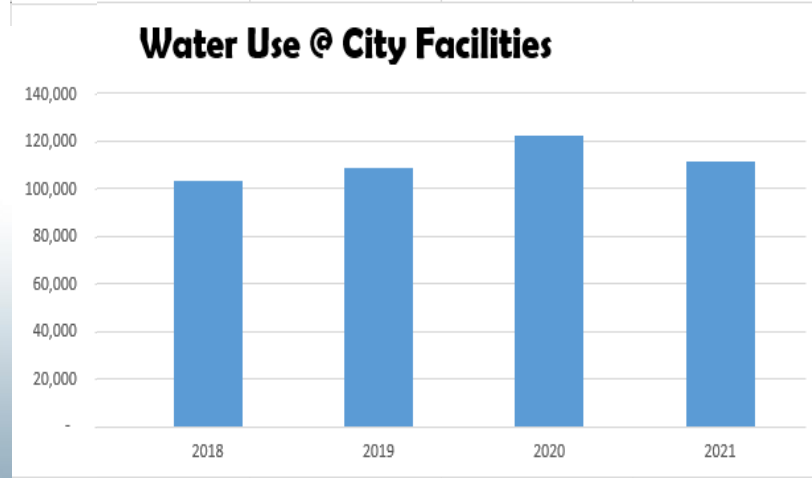
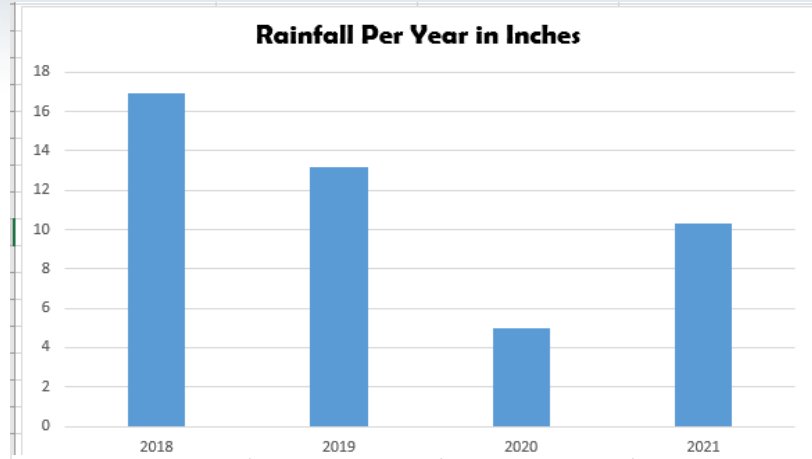
## Water Use @ City Facilities







# Water Use vs Rainfall





# Thank You & Questions

**Debby Dunn**

Water Conservation  
Administrator

310-285-2467 -PW

818-815-8735 – cell

[DDunn@Beverlyhills.org](mailto:DDunn@Beverlyhills.org)

[AskPW@Beverlyhills.org](mailto:AskPW@Beverlyhills.org)



**1 RUNNING  
TOILET** can  
waste enough  
water to fill a  
pool in 4 days



We're in Drought,  
Please Help Out  
Visit [BHSaves.org](http://BHSaves.org)