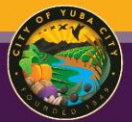




Water Supply Outlook and Emergency Water Conservation Measures

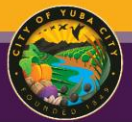


Ben Moody, Public Works & Development Services Director



Background

- July 20, 2021: Yuba City voluntarily implements Stage 2 (Water Warning) with 15% conservation target/goal
- March 28, 2022: State Executive Order N-7-22 requires minimum Stage 2 (Water Warning) with 20% conservation target **as compared to 2020 water usage**
- Voluntary Stage 2 measures have not reached conservation target
 - **≈5%** FY 21/22 conservation
- Recommend more stringent measures



Projected Water Supply 2022

Water Source	Contract Maximum (AF)	Projected 2022 Allocation/Utilization (AF)	Availability Calculation	Time of Use
SWRCB License 13855	6,500	923	State Curtailment	September - June
SWRCB Permit 18558	9,000	4,742	Seasonal Availability	October - June
North Yuba Water District	4,500	4,500	Total Contract	Summer
DWR State Water Project	9,600	1,440	15% Allotment*	Year-round
DWR State Water Project - Carryover		1,612	Out of 3,999**	Year-round
Groundwater Well #1		900	Estimated Production	As Needed
Groundwater Well #9		500	Estimated Production	As Needed – June
Surface Water Total:		13,217		
Groundwater Total:		1,400		
Total Supply:		14,617	≈13 mgd	

* Allotment for current-year DWR State Water Project is subject to change should drought conditions continue. Any reduction in supply will need to be supplemented by carryover water.

**The City's highest priority is to maximize carryover water savings in order to preserve resources for future need, especially if drought conditions continue into Fiscal Year 23/24.



Water Shortage Contingency Plan Stage 3 – Severe Shortage (20%)

- **Outdoor irrigation limited to two (2) designated days per week**
 - Irrigation will be limited to Mondays and Thursdays for all addresses utilizing City water
- **Implementation/enforcement of water use prohibitions, including:**
 - Irrigation outside of designated times
 - Excessive watering resulting in gutter flooding
 - Using a hose without a shutoff nozzle
 - Washing down hard surfaces such as sidewalks and driveways
 - Using a non-recirculating fountain
 - Not repairing leaks in a timely manner

IRRIGATION SCHEDULE

Begins May 1, 2022



Mornings & Evenings
Recommended



NO Irrigation



NO Irrigation



Mornings & Evenings
Recommended



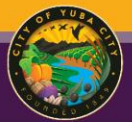
NO Irrigation



NO Irrigation



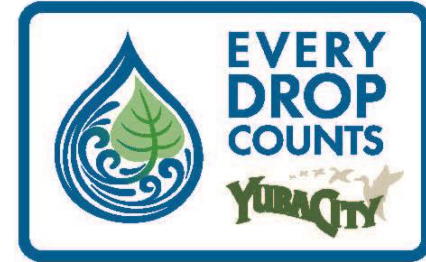
NO Irrigation



Stage 3 Implementation

Council Approval	April 19, 2022
Outreach Campaign & Water Warnings	May 1, 2022
Full Implementation & Enforcement	June 1, 2022

- Outreach & Education:
 - Water Conservation Guide in April bill
 - Public signage, such as billboards and banners
 - Doorhangers
 - Staff-aided sprinkler timer adjustments



Water Shortage Stage 3:
"Severe Shortage"



Water Conservation Guide (Draft)

20% Conservation Goal

California is experiencing a serious drought and Yuba City has implemented a mandatory 20% water consumption reduction for all residents. Irrigation has been limited to **ONLY Mondays and Thursdays** for ALL addresses.

IRRIGATION SCHEDULE Begins May 1, 2022

Mornings & Evenings Recommended

NO Irrigation

NO Irrigation

Mornings & Evenings Recommended

NO Irrigation

NO Irrigation

NO Irrigation

For help adjusting your irrigation timer, please call (530) 822-4626 or visit <https://yubacityca.citysourcecd.com/> to request assistance.

Together, we can make a difference!



For more information about water conservation:
www.yubacity.net/water
(530) 822-4626
publicworks.admin@yubacity.net

To report water waste:
Download the yc311 app
<https://yubacityca.citysourcecd.com/>

Water Conservation Guide 2022



MANDATORY REDUCTION

Water Shortage Stage 3:
"Severe Shortage"

- 20% mandatory conservation goal
- Irrigation limited to Mondays & Thursdays
- Water rebates still available
- Free website & app for cellular meter

Water Rebates

The City of Yuba City is proud to offer water rebates* to qualified customers in order to reduce the financial impact of water-efficient household upgrades.



WATER REBATE PROGRAM

WaterSense® Labeled Showerheads
UP TO \$20 REBATE

WaterSense® Labeled Toilets
UP TO \$100 REBATE

WaterSense® Labeled Smart Irrigation Controls
UP TO \$75 REBATE

www.yubacity.net/rebates

Just submit the application and a copy of your receipt by email, mail, or at City Hall—it's that easy!

*All rebates are subject to the availability of funds.

Stage 3 Mandatory Water Violation Enforcement

Begins June 1, 2022

Per Municipal Code Section 6-6.20., violations of emergency water restrictions are subject to the following enforcement measures:

1. First violation: A **written warning** of such violation.
2. Second violation: **\$50 surcharge** which shall appear on the next monthly water billing.
3. Third violation: **\$100 surcharge** which shall appear on the next monthly water billing.
4. Fourth and subsequent violations: **\$250 surcharge** which shall appear on the next monthly water billing.

Water conservation violations include the following:

- Irrigation outside of designated times
- Excessive watering resulting in gutter flooding
- Using a hose without a shutoff nozzle
- Washing down hard surfaces such as sidewalks and driveways
- Using a non-recirculating fountain
- Not repairing leaks in a timely manner

These measures are essential to ensure that we have enough water resources for the upcoming year. We appreciate your water conservation efforts!



REAL-TIME WATER USE MONITORING

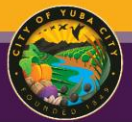
All Yuba City water meters were recently upgraded with digital cellular meter encoders. This technology will allow you to receive faster, more accurate information about water usage, leaks, and potential maintenance issues. Monitoring your water conservation efforts has never been easier!

Your new meter puts the knowledge in your hands with up-to-the-minute data delivered directly to you via a consumer engagement website and a smartphone/tablet app. We encourage everyone to sign up for this free and incredibly useful service.

To set up your account, visit <https://eyeonwater.com/signup>

Say goodbye to uncertainty about your water consumption – and hello to the future of water management!

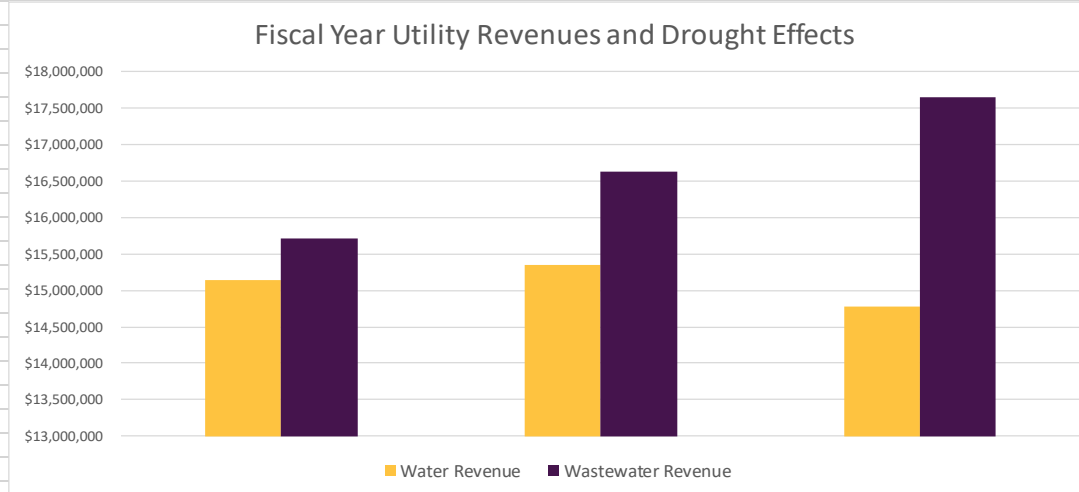
Questions?
Call Public Works at (530) 822-4777 or visit www.yubacity.net/publicworks

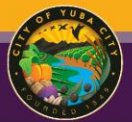


Projected Fiscal Impact

Fiscal Year Utility Revenues and Drought Effects					
Fiscal Year	Water Supply (AF)	Water Consumption (AF)	Water Revenue	Wastewater Revenue	
2020/2021	15,681	13,461	\$ 15,145,000	\$ 15,709,000	
Est. 2021/2022	15,176	12,770	\$ 15,355,000	\$ 16,634,000	
Est. 2022/2023*	14,617	10,769	\$ 14,770,000	\$ 17,651,000	
		FY 21/22 to 22/23 Delta:	\$ (585,000)	\$ 1,017,000	

*Using calendar year 2022 water supply and 20% conservation of FY 20/21 water consumption





Recommendation

Adopt a Resolution declaring that water supply conditions are such that they dictate and justify the need for the implementation of mandatory conservation measures to achieve 20% conservation, in alignment with Stage 3 of the Water Shortage Contingency Plan.