



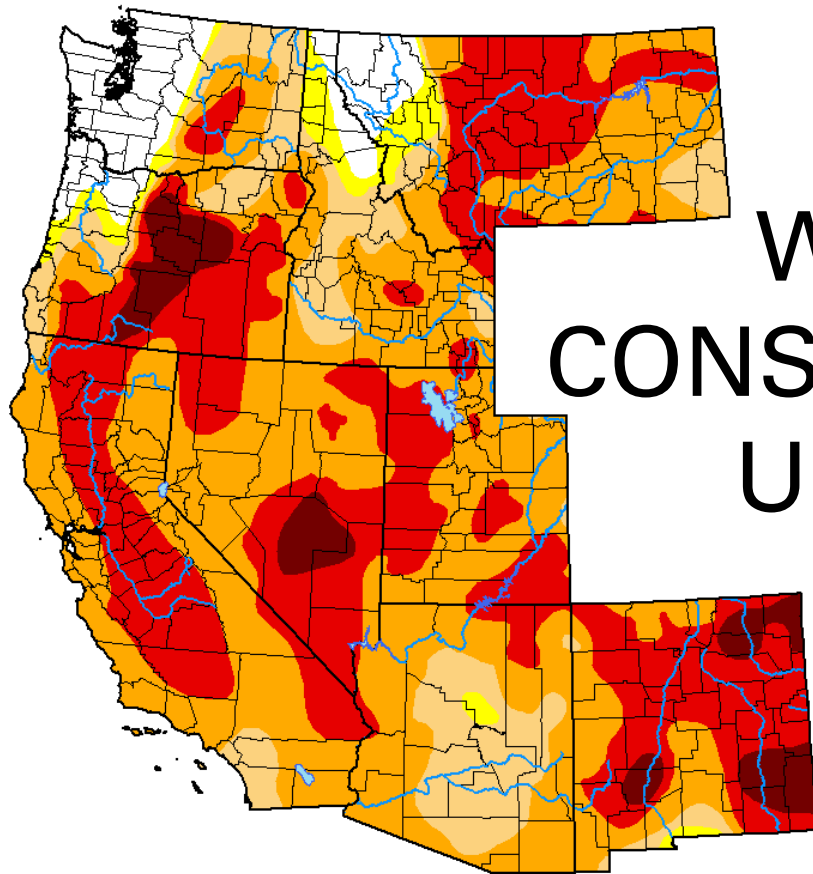
Town of Yountville
"The Heart of the Napa Valley"

Town Council

May 3,
2022

10.B

Admin/
Regular
Item

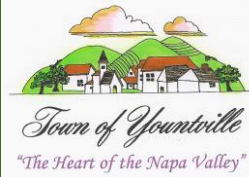


WATER CONSERVATION UPDATE

PHASE 2 WATER
SHORTAGE
EMERGENCY



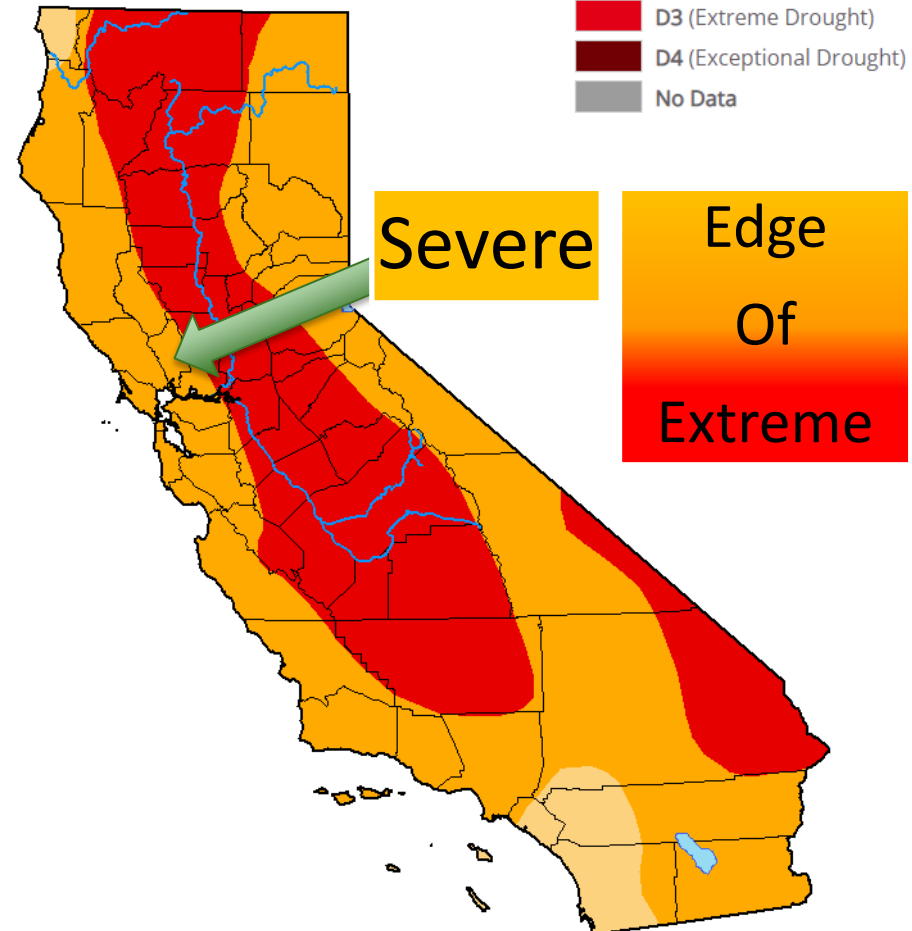
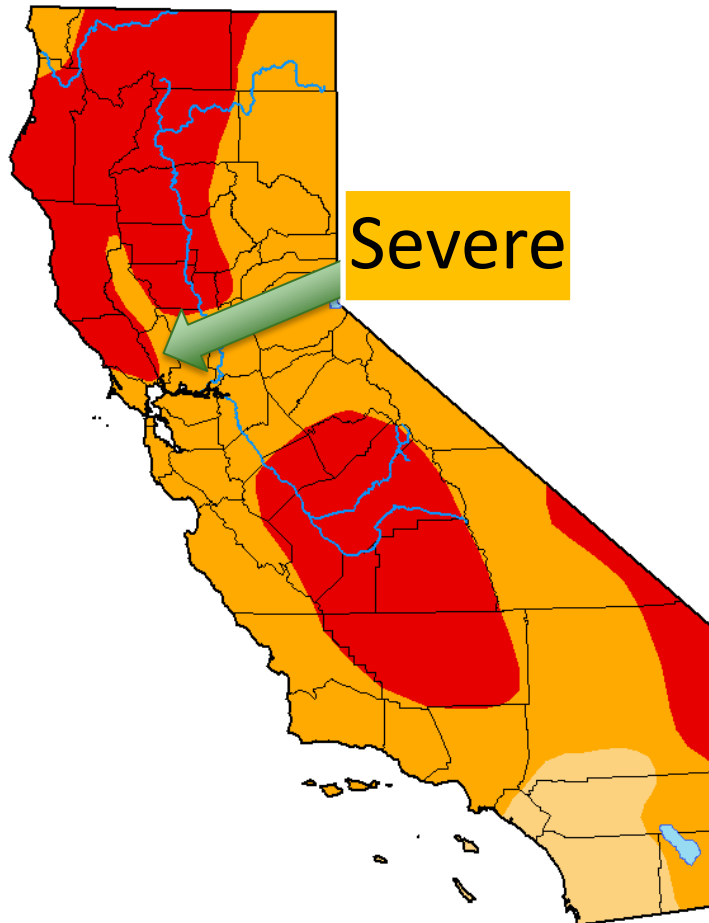
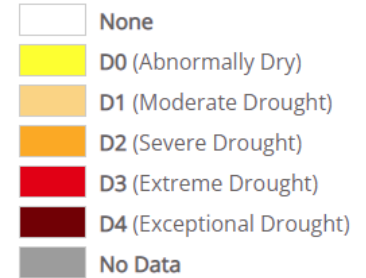
DROUGHT MONITOR



April 5th

May 3rd

Intensity



APRIL 2022



TOTAL WATER CONSUMED



2021



2022

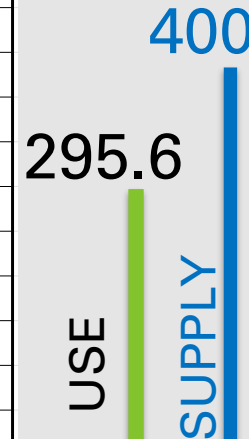
APRIL

33.18%
Reduction



RECTOR WATER USE

| | | Rector Water USE | | Ac-Ft | | |
|----------|---------------------|------------------|--------------|--------|--------|------|
| | Seasonal Avg Target | Monthly | Year to Date | Target | Status | |
| FY 21-22 | June | 39.15 | | 400.00 | | |
| | May | 39.33 | | 360.85 | | |
| | April | 28.15 | 19.06 | 295.56 | 321.52 | Good |
| | March | 25.01 | 22.38 | 276.50 | 293.37 | Good |
| | February | 22.15 | 20.72 | 254.12 | 268.36 | Good |
| | January | 21.43 | 20.08 | 233.40 | 246.21 | Good |
| | December | 22.20 | 15.34 | 213.32 | 224.78 | Good |
| | November | 29.12 | 17.83 | 197.98 | 202.58 | Good |
| | October | 37.21 | 37.26 | 180.15 | 173.46 | Bad |
| | September | 43.95 | 45.10 | 142.89 | 136.25 | Bad |
| | August | 46.67 | 50.88 | 97.79 | 92.30 | Bad |
| | July | 45.63 | 46.91 | 46.91 | 45.63 | Bad |



Use: 73.9% of 400 Ac-Ft

Time: 83.3% of Year

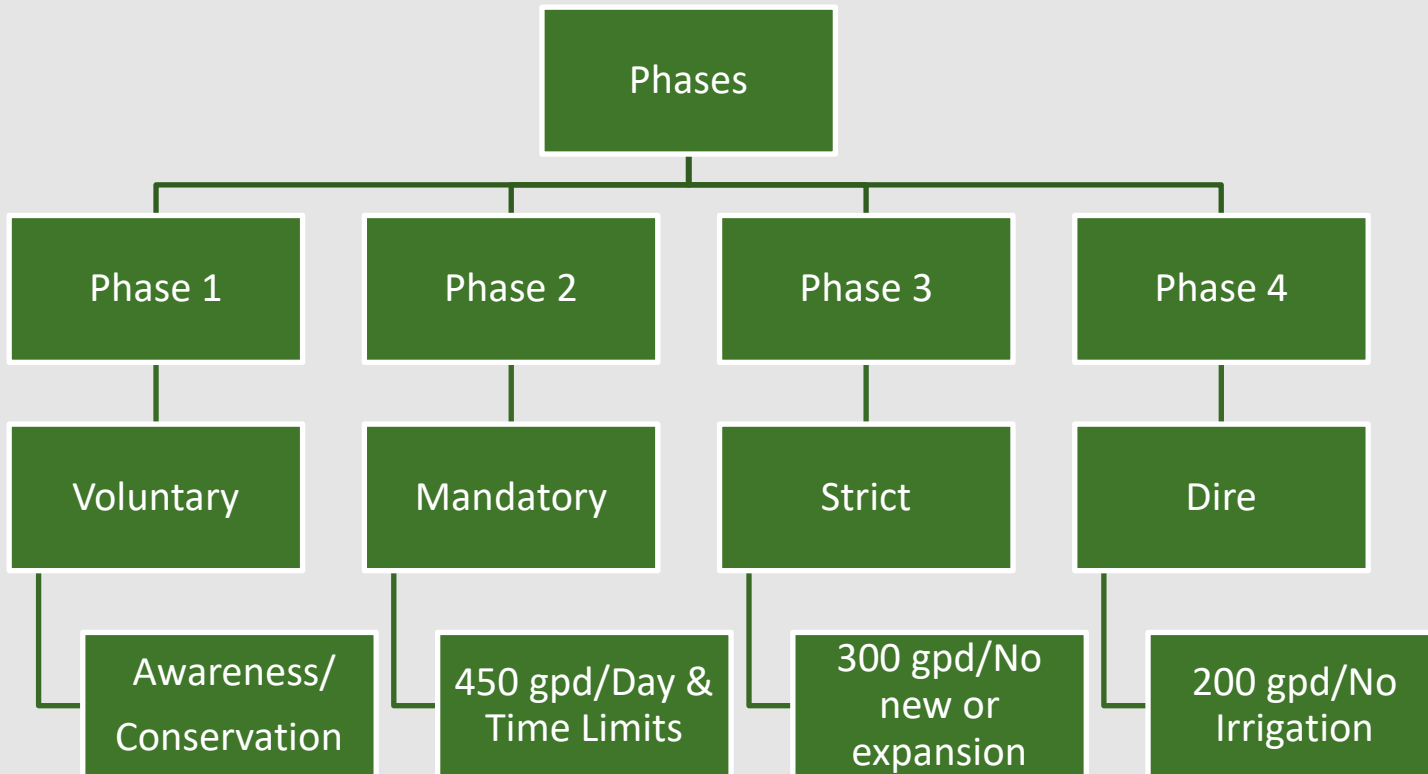


Rector Reservoir

WATER SHORTAGE EMERGENCIES

YMC, Title 13 Public Services, Division 1, Chapter 13.24

- Water shortage emergency condition exists
- Council adopts resolution for applicable regulatory phase.
- Establishes rules for water use applicable to the phase
- Declares violations of such subject to administrative fines



CURRENT PHASE 2



Town of Yountville Resolution Number 21-4054

Adopt Resolution Approving the Implementation of Modified Phase 2 Water Emergency Regulations.

Recitals

- A. On March 12, 2021, the Veterans Home at Yountville California declared a Drought State of Emergency.
- B. The notification of the reduction includes a mandatory 20% reduction from the 500 Acre Feet allowed in normal years under the Water Agreement #04YS0025 executed on July 2004 and amended on February 28, 2005.
- C. Yountville Municipal Code Chapter 13.24 addresses water shortage emergencies.
- D. Based on the Declaration, staff is recommending that the Town Council implement the water shortage emergency regulations as declared by the Veterans Home Notification and allowed through Municipal Code 13-24.
- E. Water use efficiency results in benefits to water supply and water quality through technological and behavioral improvements that decrease indoor and outdoor residential, commercial, industrial, and institutional water use.

Now therefore, the Town Council of the Town of Yountville does resolve as follows:

1. Town shall implement these actions on July 1, 2021.
2. No using of potable water to wash down sidewalks and driveways.
3. No watering outdoor landscapes in a manner that causes excess runoff.
4. No washing of motor vehicles with a hose, unless the hose is fitted with a shut-off nozzle.
5. Outdoor irrigation with potable water delivered by the Town of Yountville Distribution system only allowed between 6 P.M. and 10 A.M. to reduce evaporation loss with an odd/even address watering schedule (odd addresses water Tuesday and Friday and even water Monday and Thursday).
6. No irrigation shall be allowed between the hours of 10 A.M. and 6 P.M. on any day.
7. Irrigation is not permitted during or 48 hours after measurable rainfall. Measurable rainfall is defined as $\frac{1}{4}$ " in a calendar day (mid-night to mid-night).
8. No operating a fountain or decorative water feature unless the water is part of a recirculating system.
9. The filling of drained or new swimming pools shall not use domestic water.
10. Newly permitted pools and spas must be equipped with an installed cover prior to final inspection.

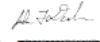
Resolution Number 21-4054

11. Newly constructed homes shall install drip or micro-spray systems and drought tolerant landscape.
12. No watering of park medians shall be allowed without a drip irrigation system.
13. Review and manage out of town customers' water contracts, and agreements.
14. Hotels and motels must clearly and prominently display notice of option to reuse towels and linens changes only upon guest request.
15. No non-commercial washing of privately owned vehicles or equipment except from a bucket and hose equipped with an automatic shutoff nozzle.
16. The Resolution is hereby adopted and becomes effective and in full force immediately upon adoption.

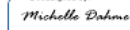
PASSED AND ADOPTED at a special meeting of the Town Council of the Town of Yountville, State of California, held on this 4th day of May, 2021 by the following roll call vote:

AYES: Mohler, Dorenbecher, Knight, Dorman, Dunbar
NOES: None
ABSENT: None
ABSTAIN: None

DocuSigned by:


John F. Dunbar, Mayor

ATTEST:

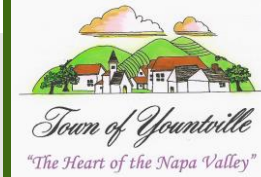
DocuSigned by:

Michelle Dahme, CMC
Town Clerk

Reso 21-4054; Adopted
May 4, 2021

CalVET Water
Allocation

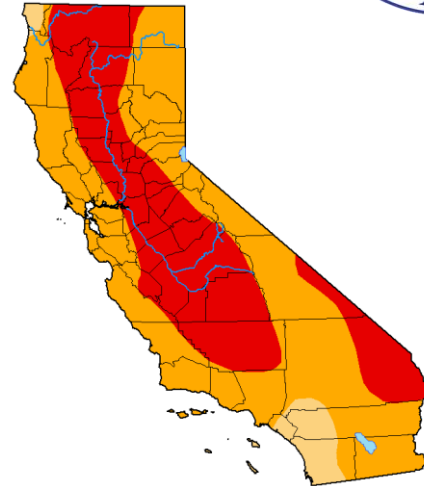
State Request
for
Conservation

RENEW PHASE 2 WATER SHORTAGE EMERGENCY



Current Events:

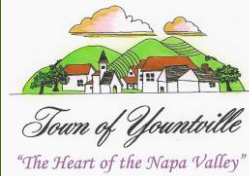
- Severe Drought
- State Executive Order N-7-22
- CalVET Water Allocation Memo



Adoption of Resolution 22-4118

- Renew Phase 2 Water Shortage Emergency
- Incorporates Phase 1 by reference
- Lessons Learned

RENEWED PHASE 2



Town of Yountville Resolution Number 22-4118

Adopt Resolution Number 22-4118 Approving Implementation of Updated Phase 2 Water Shortage Emergency Regulations

Recitals

- A. At the May 4, 2021, Town Council meeting, Town Council adopted Resolution 21-4054 approving the implementation of modified Phase 2 Water Emergency Regulations in response to the drought and the initial notice from CalVET of only 400 Acre-Feet from Rector Reservoir and Treatment Plant.
- B. This year the governor's Executive Order N-7-22 calling on local water suppliers to maintain Phase 2 Water Shortage Emergency regulations coupled with CalVET's Water Allocation Memo limiting the water allocation to 400 acre-feet, the Town is tasked with maintaining the 20-percent reduction into the next 15-months.
- C. The implementation of Water Shortage Emergency measures results in conservation of water supply and behavioral improvements that decrease indoor and outdoor residential, and commercial water use.
- D. Based on the Severe Drought, Executive Order N-7-22 and CalVET's FY 22-23 Water Allocation Memo, staff is recommending the Town Council renew the Phase 2 Water Shortage Emergency with regulations described herein.

Now therefore, the Town Council of the Town of Yountville does resolve as follows:

1. The Phase 1 water conservation measures remain in effect.
2. Commercial and industrial users shall reduce their water use by 20% of their use during the corresponding period of the preceding nonrationed year.
3. Residential users shall reduce their water use by 20%. In no event shall residential users exceed the following gallons per day per meter:
 - F. Residential meter serving one unit: 450 gallons per day;
 - G. Residential meter serving two units: 700 gallons per day;
 - H. Master meter serving more than two units, no separate irrigation meter: 250 per occupied unit plus an irrigation allotment totaling 40 gallons per day for each 1,000 square feet of landscaping.
 - I. Master meter serving more than two units, with separate irrigation meter: 250 per occupied unit.
 - J. These limits are to be applied "per day" and an average across a week or month shall not be allowed.
4. For a lawn, landscaping, or field irrigated through a Town Landscape Irrigation Meter dedicated to that use, usage shall be limited to 40 gallons per day for each 1,000 square feet of such lawn, landscaping, or field.
5. Regardless of water source, all outdoor irrigation shall be prohibited between the hours of 10:00 a.m. and 6:00 p.m.
6. Regardless of water source, even numbered addresses shall irrigate only on Monday and

Thursday, odd numbered addresses shall irrigate only on Tuesday and Friday. There shall be no irrigation on Saturday, Sunday, and Wednesday.

7. Irrigation is not permitted during or 48 hours after measurable rainfall. Measurable rainfall is defined as $\frac{1}{4}$ " in a calendar day (mid-night to mid-night).
8. No using of potable water to wash down structures, sidewalks, and driveways.
9. No hand watering or irrigating outdoor landscapes in a manner that causes excess runoff.
10. No washing of motor vehicles with a hose unless the hose is fitted with a shut-off nozzle.
11. No operating a fountain or decorative water feature unless the water is part of a recirculating system.
12. Drained or new swimming pools shall not be filled using potable water from the Town's domestic water supply. Pool water must be trucked in from an off-site, out of Town water source.
13. Newly permitted pools and spas must be equipped with an installed cover prior to final inspection.
14. Newly constructed homes and existing homes with landscape renovations shall install drip or micro-spray systems and drought tolerant landscape.
15. No irrigation of parking median strips (between the sidewalk and the curb) shall be allowed without a drip irrigation system.
16. Hotels and motels must clearly and prominently display notice of option to reuse towels and linens changes only upon guest request.
17. The Town shall give notice to any customer that has a terminable service contract with the Town that such contract will be terminated upon implementation of Phase III by the Council.
18. The Resolution is hereby adopted and becomes effective and in full force immediately upon adoption.

PASSED AND ADOPTED at a regular meeting of the Town Council of the Town of Yountville, State of California, held on this 3rd day of May 2022 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

John F. Dunbar, Mayor

ATTEST:

Eddy Gomez; Town Clerk

Clarifies

Water Source

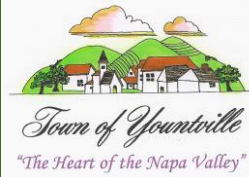
Limits

EXCESS RUNOFF

No watering outdoor landscapes in a manner that causes excess runoff.



IRRIGATION DAYS



Total 4,231 Gallons

Minute

Hour

Day

Week

Month

Year

◀

Today

▶

📅

📊

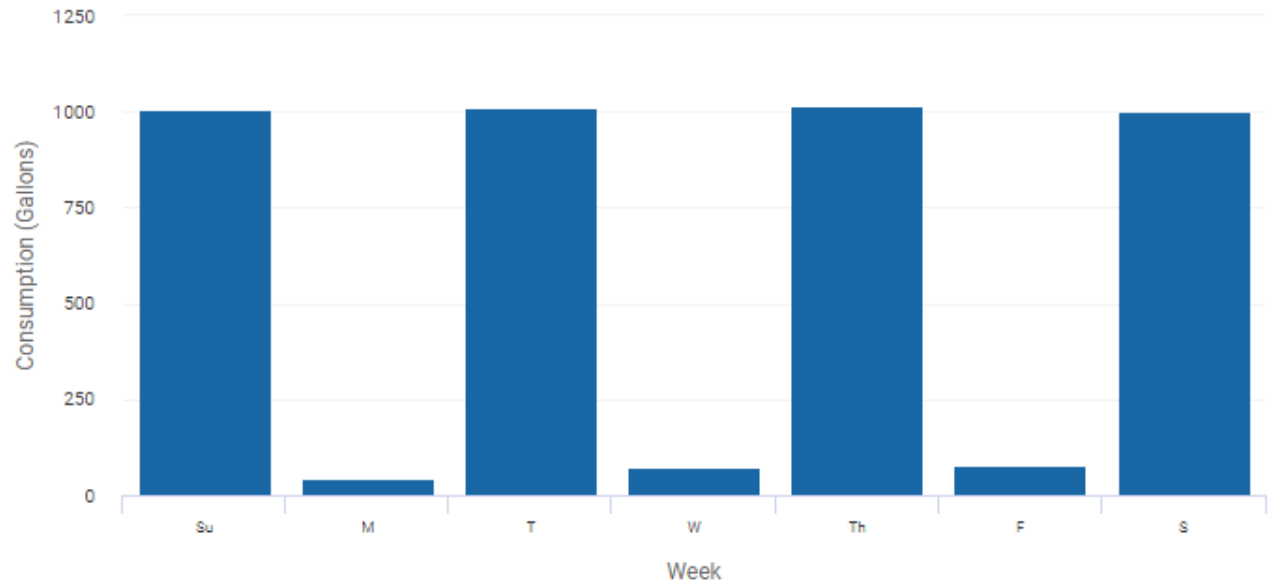
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▼ Print/Download

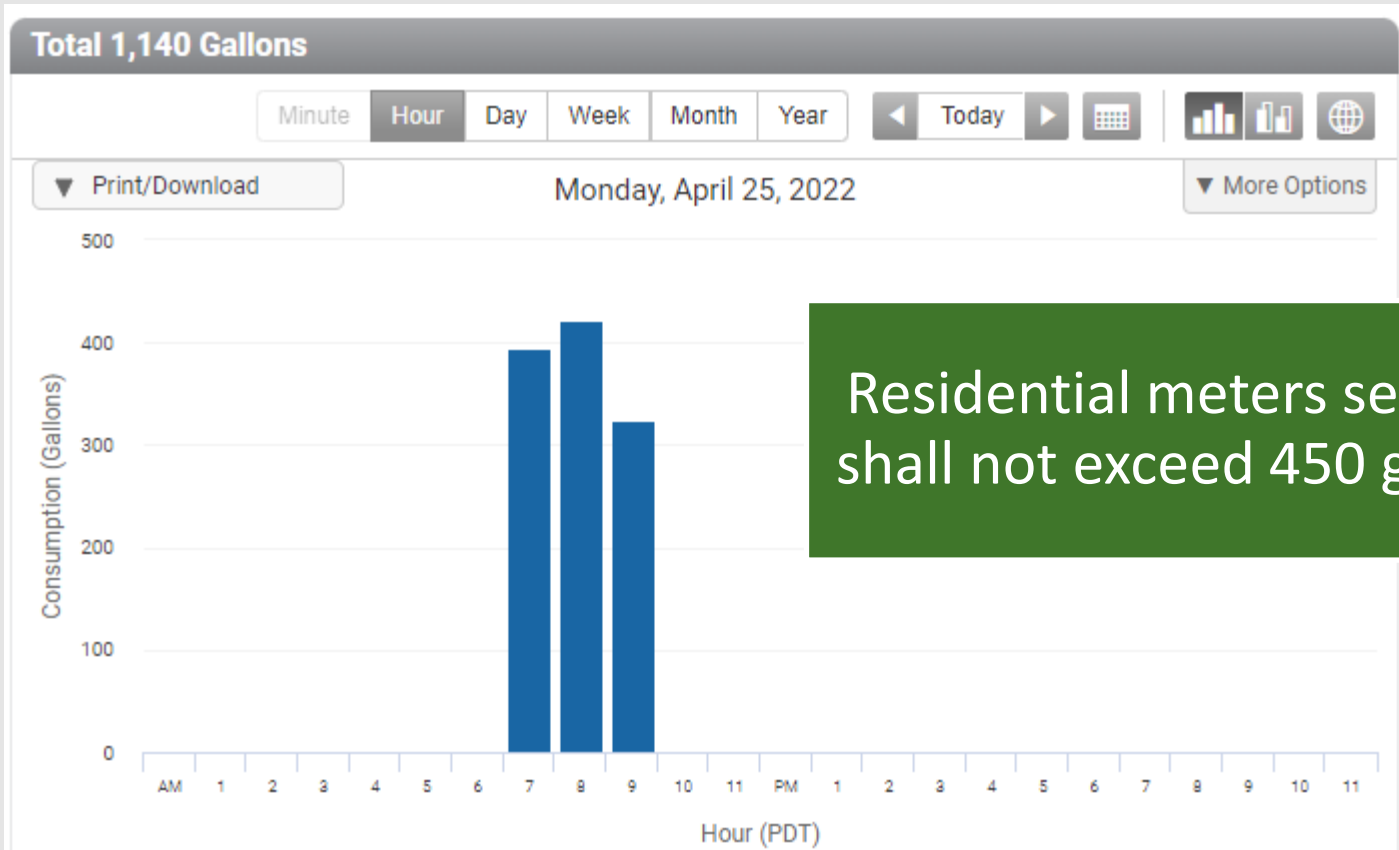
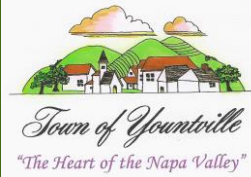
Weekly beginning Sunday, February 27, 2022

▼ More Options



Odd addresses Tuesday and Friday
Even addresses Monday and Thursday
No watering Saturday, Wednesday, Sunday

DAILY LIMITS



Residential meters serving one unit shall not exceed 450 gallons per day

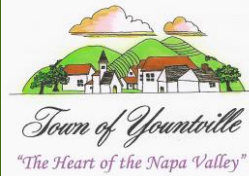
*Commercial and industrial users shall reduce their water use by 15% of their use during the corresponding period of the preceding nonrationed year

PARKING/LANDSCAPE MEDIAN STRIPS



No watering of park medians shall be allowed without a drip irrigation system.

INCENTIVES



Rebate Program

- Cash for Grass
- Flip Your Strip
 - Town Water Acct
 - City of Napa



Cash For Grass Turf Replacement Rebate Program

Convert to a Water-Efficient Landscape!

The Town of Yountville offers cash rebates to water customers who replace water-thirsty lawn areas with low-water-use plants and permeable hardscape. Artificial turf installations are not eligible for the rebate. Funding is limited and applications will be accepted on a first-come, first-served basis. Program is budgeted through June 2021, but the Town reserves the right to terminate this program at any time, for any reason.

Rebate Offer

\$1.00 per square foot of turf removed, with per site maximum of:

\$750 for Single-Family Residential (equivalent to 750 sq. ft.)

\$2,500 for Commercial/Multi-Family (equivalent to 2,500 sq. ft.)

'Flip Your Strip' Bonus: Parking strip areas between the sidewalk and street are rebated an extra \$1.00 for a total of **\$2.00 per square foot**.

Customers must consent to **brief Pre- and Post-Inspection site visits** by the Water Conservation Representative in order to apply and qualify for the Cash For Grass rebate.

At the **Pre-Inspection**, the Water Conservation Representative will measure the proposed conversion area and verify that the site meets the program's terms and conditions. If approved, the Town will mail a **Notice to Proceed** letter to the customer.

Lawn conversions **must be completed within four (4) months** of the Notice to Proceed. To ensure water savings are achieved, the converted area must remain in compliance with program terms and conditions for a **period of five (5) years** following receipt of the rebate. An applicant may be charged part or all of the rebate amount at the Town's discretion if the terms or conditions have been violated. Notwithstanding the foregoing, this requirement is void upon transfer of ownership.

Following the **Post-Inspection** visit and **Final Approval**, the Town will issue rebate check to the eligible applicant within **four (4) weeks**.

Terms and Conditions

- Program is open to properties served by a **Town of Yountville water account**. Applicant's account must be in good standing.
- Lawn areas to be converted must be historically maintained and irrigated. *Dirt areas that show no signs of the presence of lawn, or lawns removed prior to Town pre-inspection, are not eligible.*
- **Landscaping Requirements for Converted Area:**
 - 50% Plant Cover** - Plants must cover at least 50% of the converted area once fully grown. **Parking strips are exempt.** Plants - must be drought tolerant and adapted to our climate. Helpful resources for water-wise plant selection are available at townofyountville.com. All planting areas must have a minimum of three (3) inches of mulch.
 - Hardscape** - must be permeable (e.g., decomposed granite) and cannot exceed 50% of the converted area. *Impermeable surfaces such as concrete are not eligible.*
- **NOTE: Artificial Turf** is not eligible for rebate as it does not meet the definition of sustainable landscaping for State grants.
- **Irrigation system** for the converted area, *if used*, must be **low-volume drip irrigation**. System must be in good working order, free of leaks/malfunctions. If only part of a lawn is converted, new planting area must be irrigated on a separate valve from the remaining lawn. Sprinkler system for the remaining lawn must be modified to avoid spray onto the converted area.
- **Tenants/Renters:** If applicant is not the property owner, written consent from the property owner must be provided to the Water Conservation Representative at the Pre-Inspection visit.
- At Post-Inspection, applicant must provide a **list** of plants and hardscape materials used in the conversion (may be handwritten). If conversion fails inspection, applicant will be given thirty (30) days to bring project into compliance.
- Offer is limited to **one** Cash For Grass rebate per account.

Steps to Participate

1. Call the Town of Yountville at (707) 944-8851 to verify that your site's water account is eligible; call the Water Conservation Representative to schedule a brief Pre-Inspection visit to have the lawn area measured.
2. Following Pre-Inspection, await receipt of Notice to Proceed letter and pre-approved Application from the Town. *Do not remove lawn until you receive these documents in the mail.*
3. Remove the lawn area and install your project according to the program Terms and Conditions. *Find helpful resources in the Water Conservation section at townofyountville.com.*
4. Call the Water Conservation Representative at (707) 257-9309 to schedule a Post-Inspection visit. *Post-Inspection must take place within four (4) months of the Notice to Proceed.*
5. Provide at Post-Inspection your final completed Application (including Social Security #) and a list of plants and materials used in the conversion. *Rebate check will be issued within four (4) weeks.*

REMINDER & QUESTIONS



Sign Up for Eye On Water

THE APP THAT ALLOWS YOU TO TRACK YOUR WATER USAGE

Have you ever wanted to manage your own water usage, and see how much water you are using? The Town of Yountville is excited to offer the "Eye on Water" app. Signing up is easy. Please follow the instructions below:

Beacon "Eye On Water" Sign Up Instructions

Visit the webpage below and follow the steps to create your personal account.

<https://eyeonwater.com/signup>

EOW Users

238 Accounts Enrolled

840 Accounts

+/- 28%

John Ferons
Public Works Director
707.944.8851
jferons@yville.com

Stop
Screen
Share