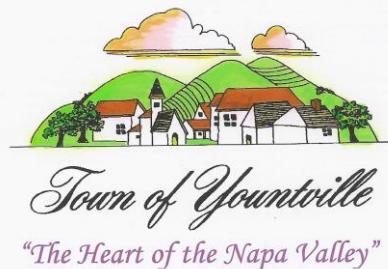


# WATER CONSERVATION UPDATE



Town  
Council

October 5,  
2021

Staff  
Information  
Report

# EXCEPTIONAL DROUGHT

## U.S. Drought Monitor California



### Drought Numbers in Napa County

**136,484**

people in Napa County are affected by drought

No change since last week

No change since last month

**100%**

of people in Napa County are affected by drought

No change since last week

No change since last month

**44th**

wettest August was in 2021, over the past 127 years

↓ 0.06

inches from normal

**8th**

driest year to date in 127 years occurred in 2021

↓ 11.54

inches from normal

**September 28, 2021**

(Released Thursday, Sep. 30, 2021)

Valid 8 a.m. EDT

### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	100.00	93.93	87.88	45.66
<b>Last Week 09-21-2021</b>	0.00	100.00	100.00	93.93	87.88	45.66
<b>3 Months Ago 06-29-2021</b>	0.00	100.00	100.00	94.73	85.44	33.32
<b>Start of Calendar Year 12-29-2020</b>	0.00	100.00	95.17	74.34	33.75	1.19
<b>Start of Water Year 09-29-2020</b>	15.35	84.65	67.65	35.62	12.74	0.00
<b>One Year Ago 09-29-2020</b>	15.35	84.65	67.65	35.62	12.74	0.00

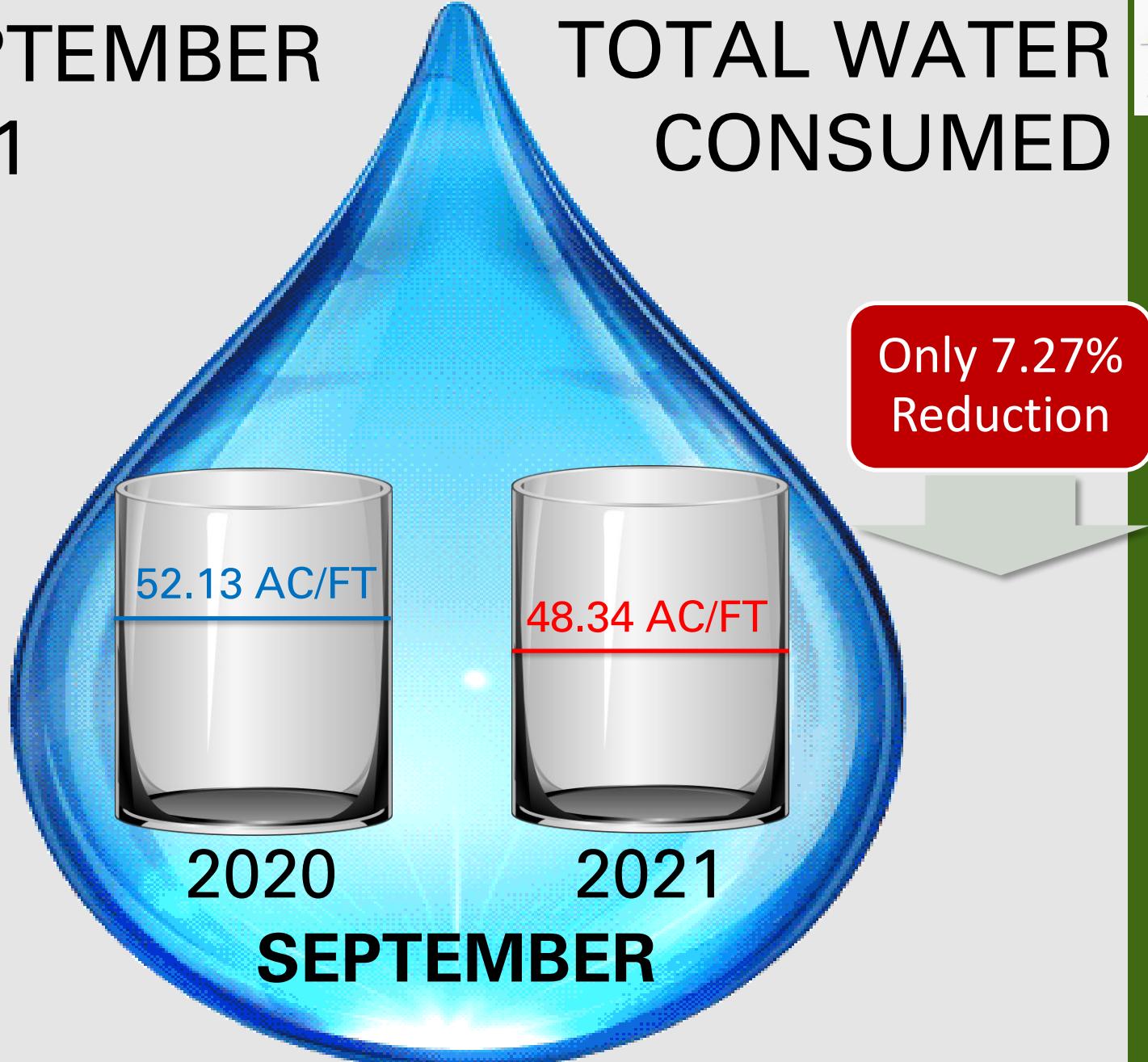
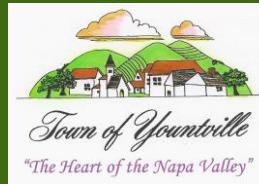
### Intensity:

<span style="background-color: white; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	None	<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D2 Severe Drought
<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D0 Abnormally Dry	<span style="background-color: red; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D3 Extreme Drought
<span style="background-color: lightorange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D1 Moderate Drought	<span style="background-color: darkred; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D4 Exceptional Drought

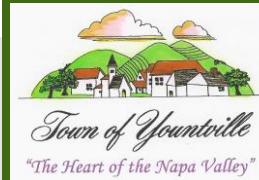
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

SEPTEMBER  
2021

# TOTAL WATER CONSUMED



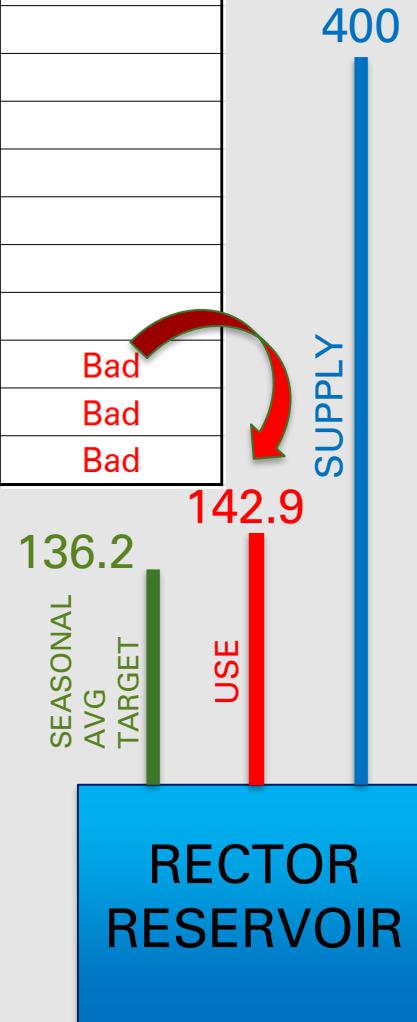
# RECTOR WATER USE



	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			321.52	
	March	25.01			293.37	
	February	22.15			268.36	
	January	21.43			246.21	
	December	22.20			224.78	
	November	29.12			202.58	
	October	37.21			173.46	
	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

Actual Use: 35.7% of 400 Ac-Ft

Time: 25% of Time



# ALTERNATIVE PERSPECTIVE

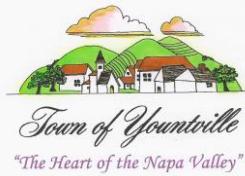
Rector Water Supply over Time		
FY	Total	September
10/11	509.84	42.11
11/12	563.99	58.90
12/13	571.61	62.47
13/14	612.93	65.71
14/15	537.58	60.49
15/16	473.97	50.60
16/17	(427.40)	49.33
17/18	479.15	55.03
18/19	(357.54)	50.72
19/20	544.38	72.95
20/21	549.93	51.64
21/22	400.00	45.10



16/17 & 18/19 Relied on Napa Water while Rector Off

20/21 Pandemic Year in Range of Prior Years

15/16 & 17/18 Best Years but In Excess of 400 Ac-Ft



# PHASE II WATER SHORTAGE EMERGENCY

## RULES

Residential Meter  
Serving One Unit= 450 gpd

Residential Meter  
Serving Two Units= 750 gpd

Dedicated Irrigation  
Meter= 40  
gpd/1000 sq ft

Odd Number  
Address= Tuesday & Friday

Even Number  
Address= Monday & Thursday

No Irrigation Days  
Saturday, Sunday & Wednesday

Only Irrigate  
Parking/Median  
Strips with Drip  
Systems

Hotels/Motels  
display notice to  
reuse towels and  
linens

## ACTIONS

Check your  
Irrigation Controller

Talk to your  
Landscape Service

Watering on the  
Correct Day but  
Applying Too Much  
Water

Incentives: Cash for  
Grass & Flip your  
Strip

# AGGRESSIVE EFFORT

CURRENT CONSERVATION AND LEVEL OF AWARENESS  
INADEQUATE = GREATER ACTION REQUIRED

## ACTIONS

Revisions to  
Chapter 13; Water  
System in the  
Municipal Code

Outreach w/  
Deadlines to  
Parking/Median  
Strip Properties

Aggressive Pursuit  
of Serial  
Commercial Leaks

Continued  
Monitoring both  
On-site and in  
Beacon

## CONSEQUENCES

Notices of  
Violation

Notices to Cure

Fines where  
Applicable

Phase III Water  
Shortage  
Emergency

No Water in  
Spring to  
Summer

# TRACK YOUR USE



## Sign Up for Eye On Water

THE APP THAT ALLOWS YOU TO TRACK YOUR WATER USAGE

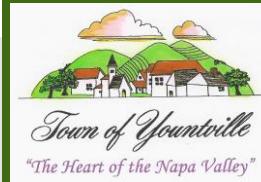
Have you ever wanted to manage your own water usage, and see how much water you are using? The Town of Yountville is excited to offer the "Eye on Water" app. Signing up is easy. Please follow the instructions below:

### Beacon "Eye On Water" Sign Up Instructions

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

<https://eyeonwater.com/ signup>

# QUESTIONS



John Ferons  
Public Works Director  
707.944.8851  
[jferons@yville.com](mailto:jferons@yville.com)

Stop  
Screen  
Share