



# Drought Update

September 21, 2021

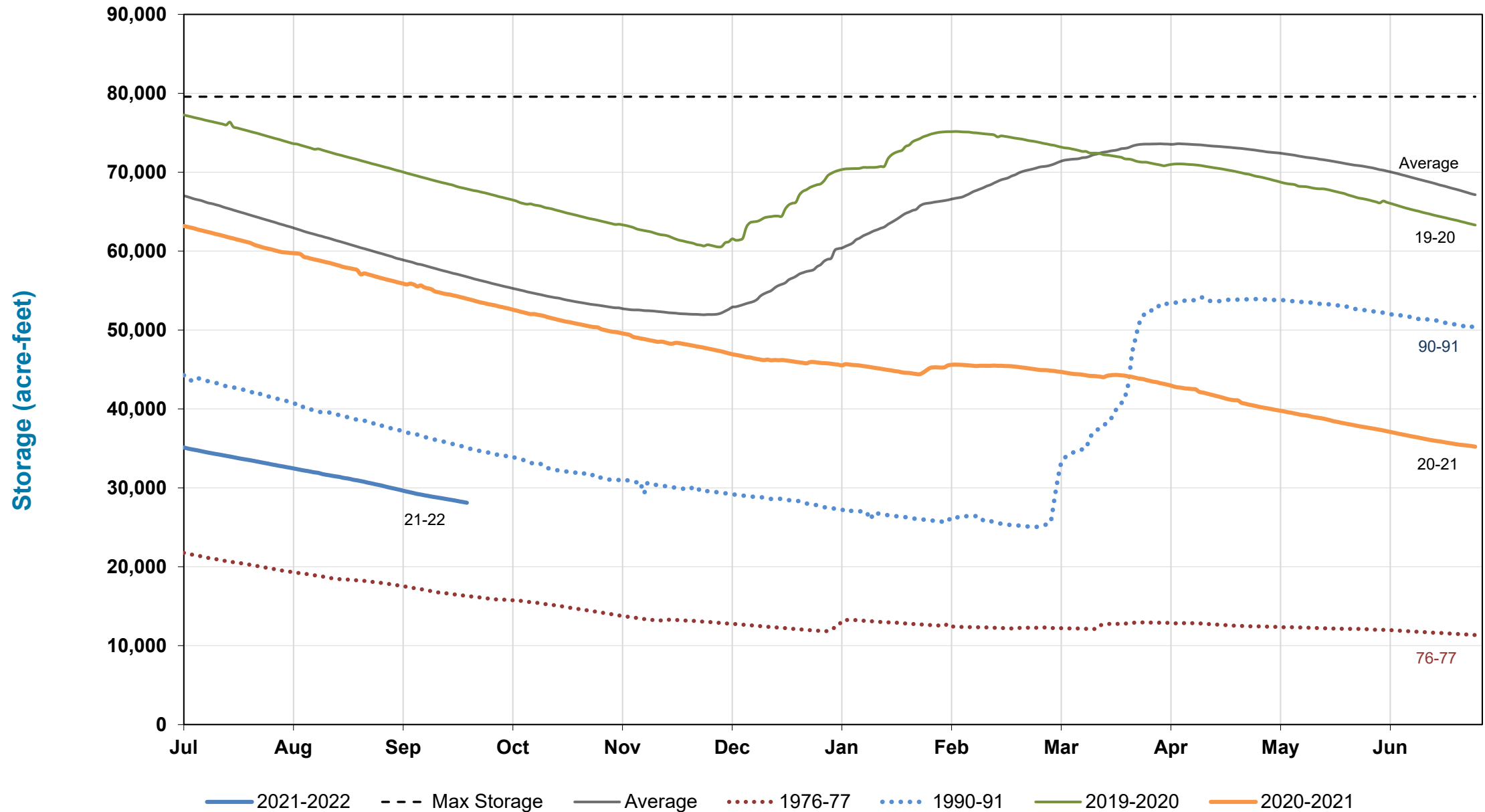


# Overview

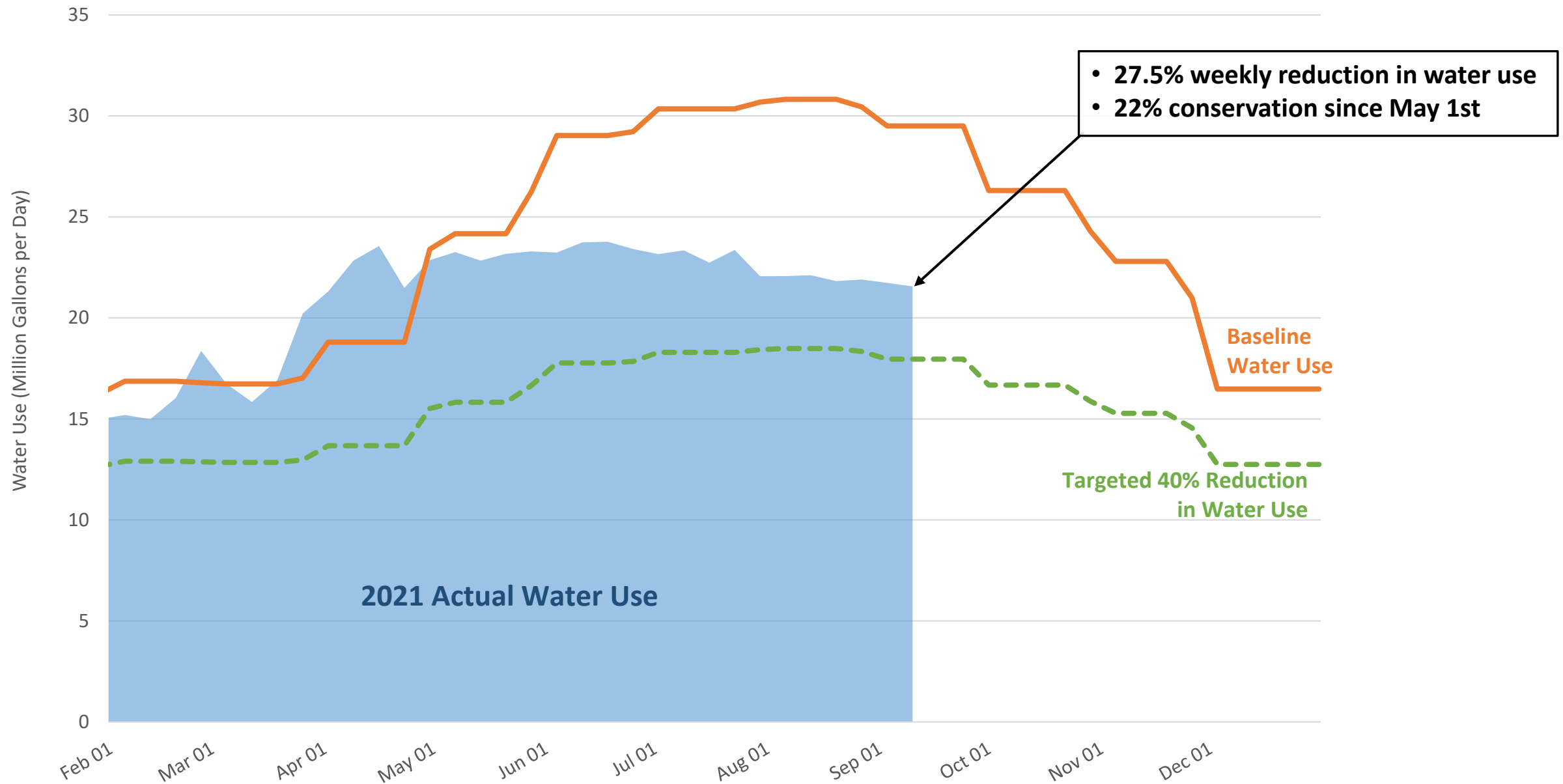
- Water Supply and Water Use
- Drought Activities
- Communication and Outreach
- Conservation Update
- Next Steps

# Water Supply and Water Use

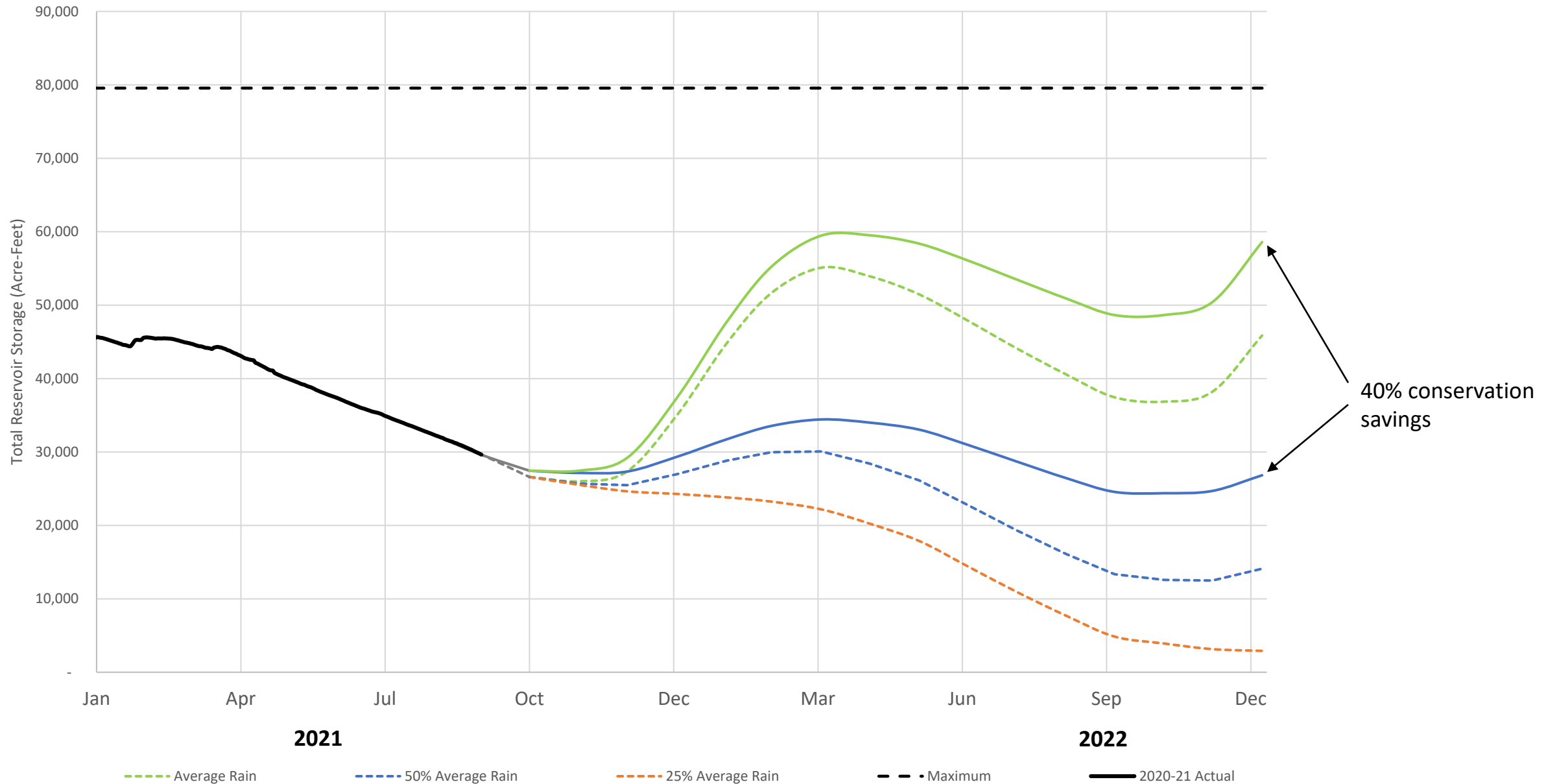
# Total Reservoir Storage



# Actual vs. Targeted Water Use



# Projected Reservoir Storage



# Emergency Drought Project Alternatives Summary

- ✓ **Conservation** – Continue as top priority, improve, refine and enhance
- ✓ **Desalination** – timing of need dictates temporary facility that is capacity limited
- ✓ **Water Transfers / Emergency Intertie** – pursuing feasibility of project
- ✓ **Sonoma Water** - Collaborate on any and all opportunities to address the drought
- ✓ **Ground Water Storage and Recovery** – longer term opportunity, no near term solution for drought
- ✓ **Recycled Water** – No short-term expansion options, residential fill station, commercial hauling
- ✓ **Back up options** – Water by rail, truck & barge, continuing to refine

# Regional Drought Impacts

## Requests from West Marin

- Inverness Public Utilities District - conceptual approach for regional benefits from Emergency Intertie Project
  - County of Marin for water supply needs in West Marin
- Discussion at upcoming Finance Committee meeting  
Thursday, September 23rd



# Drought Activities

# Recycled Water Fill Station

- Open **Saturday, September 25<sup>th</sup>** from 9 AM to 3 PM
- Continuing to see more customers and regular pickups of recycled water
  - Over 320 customers and 1,400 visits
  - Over 150,000 gallons picked up



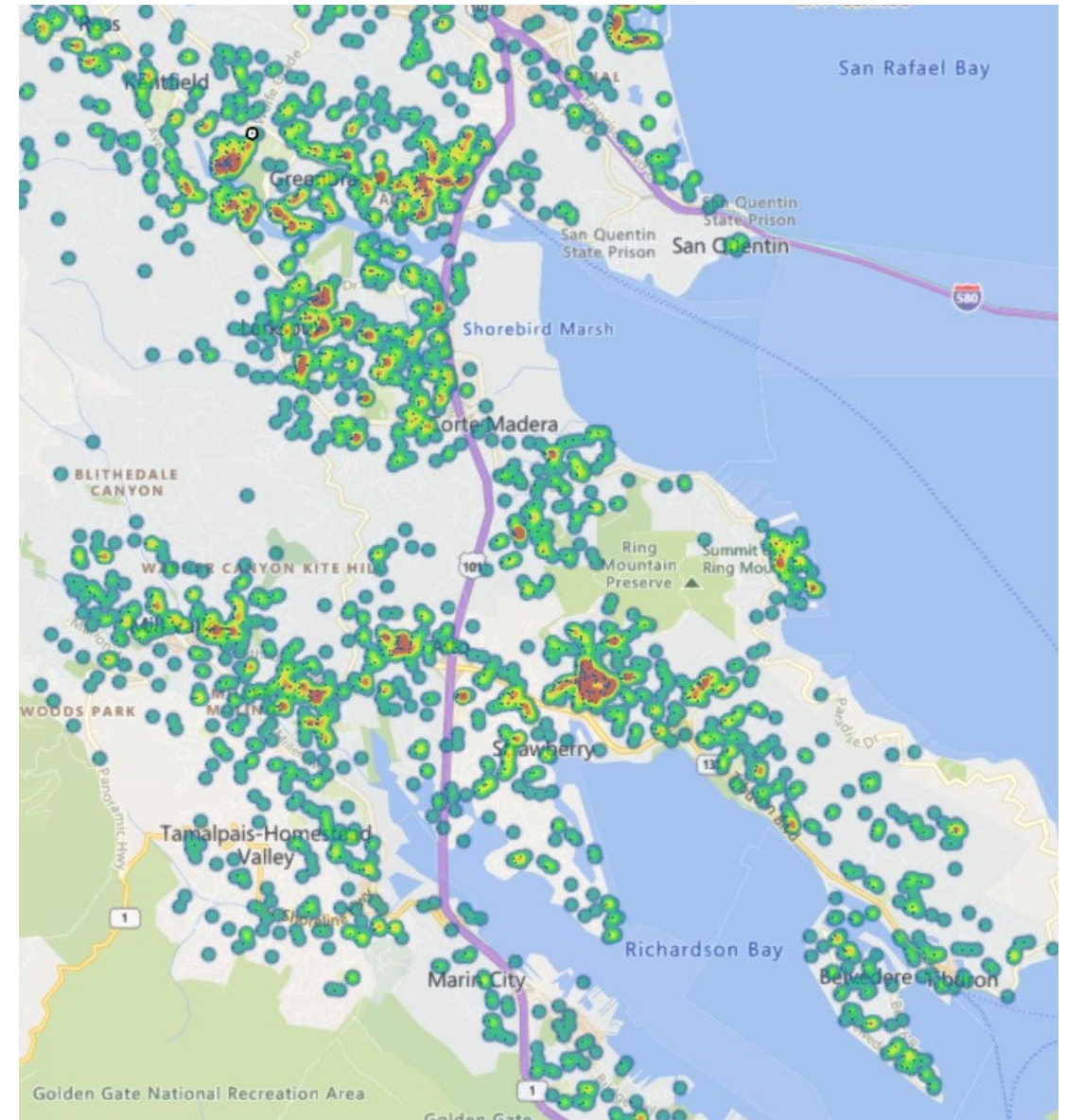
**3501 Armory Drive, San Rafael**

## Operating Hours

- During the week: Monday, Wednesday, and Friday 10 AM – 2 PM
- **Saturday, September 25<sup>th</sup>: 9 AM – 3 PM**

# Water Waste Program

- Educate customers and ensure compliance of mandatory water restrictions through routine patrols
- Since July, over 2,400 contacts with customers – door tags, letters, postcards



# Contacts with Customers

- Responding to water waste reports from community:
  - Online form
  - Water Waste Hotline
  - Emails

**Sent:** Thursday, September 02, 2021 11:24 AM

**To:** Water Conservation <[conservation@marinwater.org](mailto:conservation@marinwater.org)>

**Subject:** Thank you!

Many thanks to your team for working after hours! A notice was posted to our front door on Thursday 8/26 at 4:55AM, concerning water runoff. Our landscapers were able to find and repair an underground irrigation leak on Monday 8/30. Hard to imagine how many gallons and how many dollars were saved as a result.

Much appreciated!

# Outreach and Communications



# Community Engagement & Outreach

- **Community Conversation on Drought (Webinars)**

- Monday, October 11, 5 – 7 p.m.
- Thursday, October 21, 5 – 7 p.m.

- **Topics will include:**

- Water supply update
- Conservation tips, rebates and incentives
- Drought response and supplemental water supply projects

- **Intended to provide ample time for Q&A with staff**

- ~20 minute presentation followed by open time



# Community Engagement & Outreach

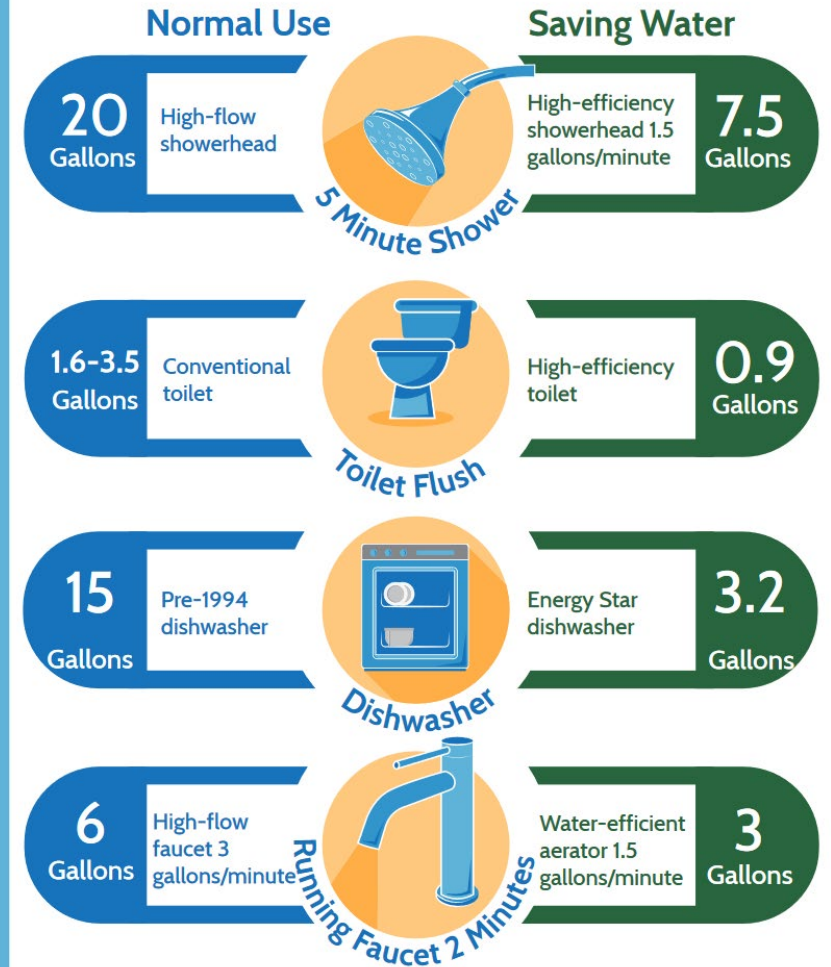
- New Outreach Materials
  - Yard Signs
  - Water Savings Guide

We're helping out  
during the drought.

Save Water:  
[Marinwater.org/Conserve](http://Marinwater.org/Conserve)



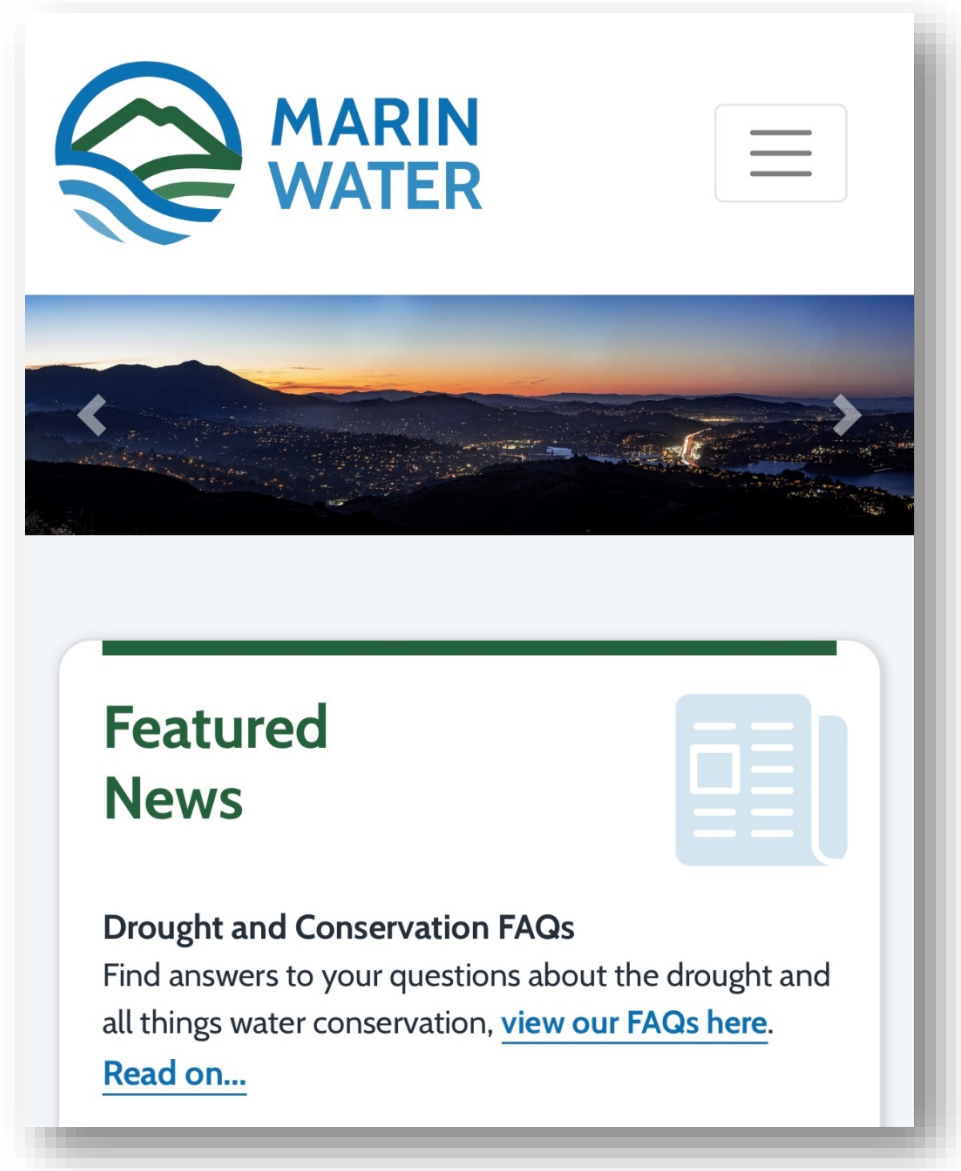
## Water-Savings Potential



# Community Engagement & Outreach

## ➤ Up Next

- Drought Response webpage
  - Landing page for water supply projects
- Community Presentations
  - Nearing 60 presentations
- FAQ Fridays





# Conservation Update

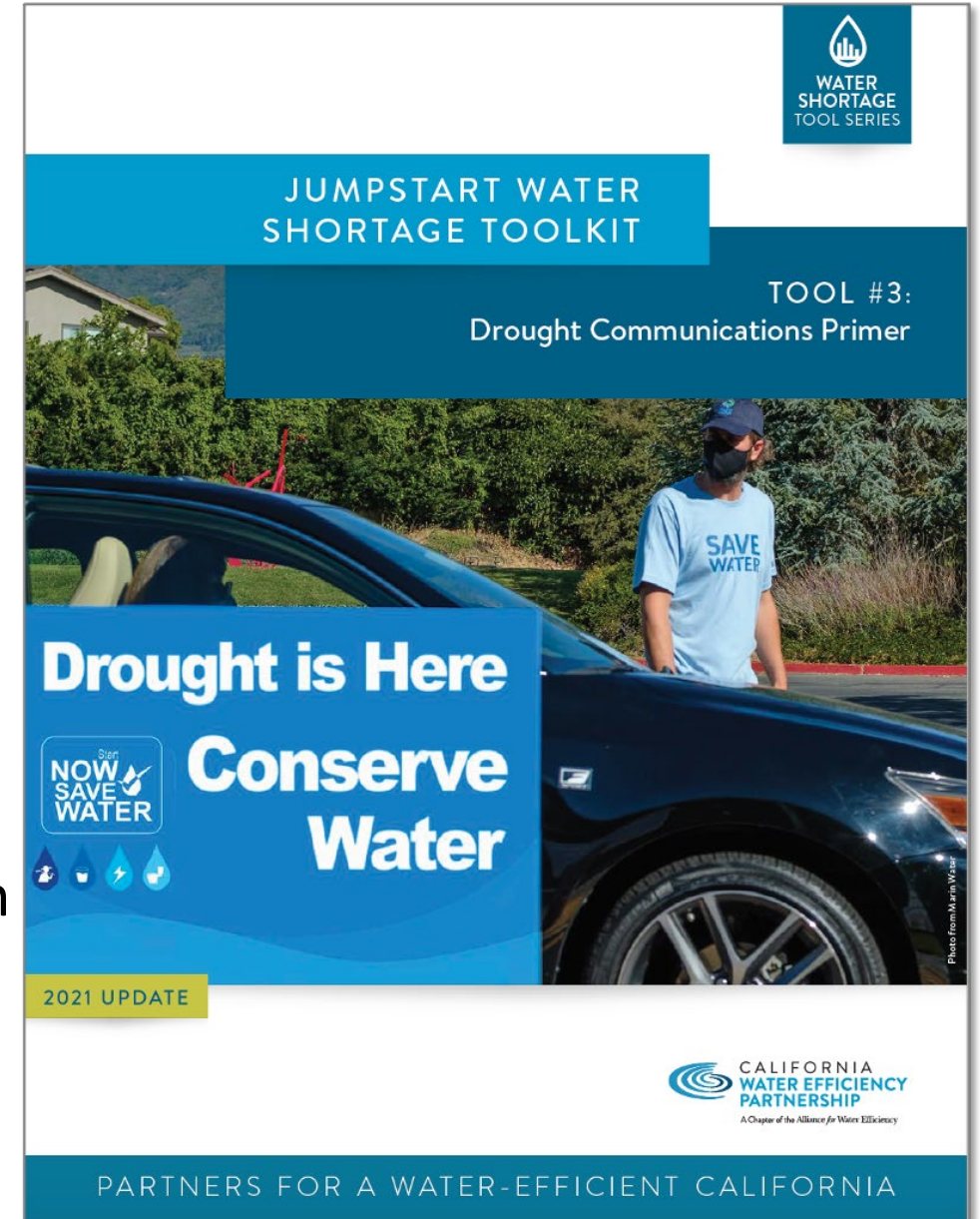
# Drought Program Participation – September Update

	June	July	August	September*	Monthly Target (revised)
Turf Programs (sqft)	25,872	76,913	120,449	26,269	400,000
Flume Devices	619	473	358	100	450
Clothes Washers	62	24	30	20	20 (50)
Rain Barrel/ Cisterns	7	1	4	3	10 (25)
Pool Covers	25	53	41	55	10 (50)
Hot Water Recirculation Systems	27	2	9	11	5 (20)
Graywater Incentives	4	12	5	3	10 (25)
High Efficiency Toilet	NA	NA	NA	0	25

\* Through Sept 19<sup>th</sup>

# Drought Outreach

- Turf Program Average Applications/Day:
  - June: 4.6
  - July: 5.3
  - Aug: 6.7
  - Sept: 2.5
- High Water Users
  - Survey: Complete, findings are being compiled
  - Focus Group: Will refine findings to determine motivations and methods to increase participation
- Graywater Webinar
  - September 23<sup>th</sup> @ 5pm
  - Register at [marinwater.org/rebates](https://marinwater.org/rebates)



# Next Steps

- Continue to refine & enhance drought outreach and conservation efforts
- Continue operational and water supply projects
- Ongoing monitoring and reporting to the Board status as compared to established conservation goals

