



Drought Update

October 19, 2021

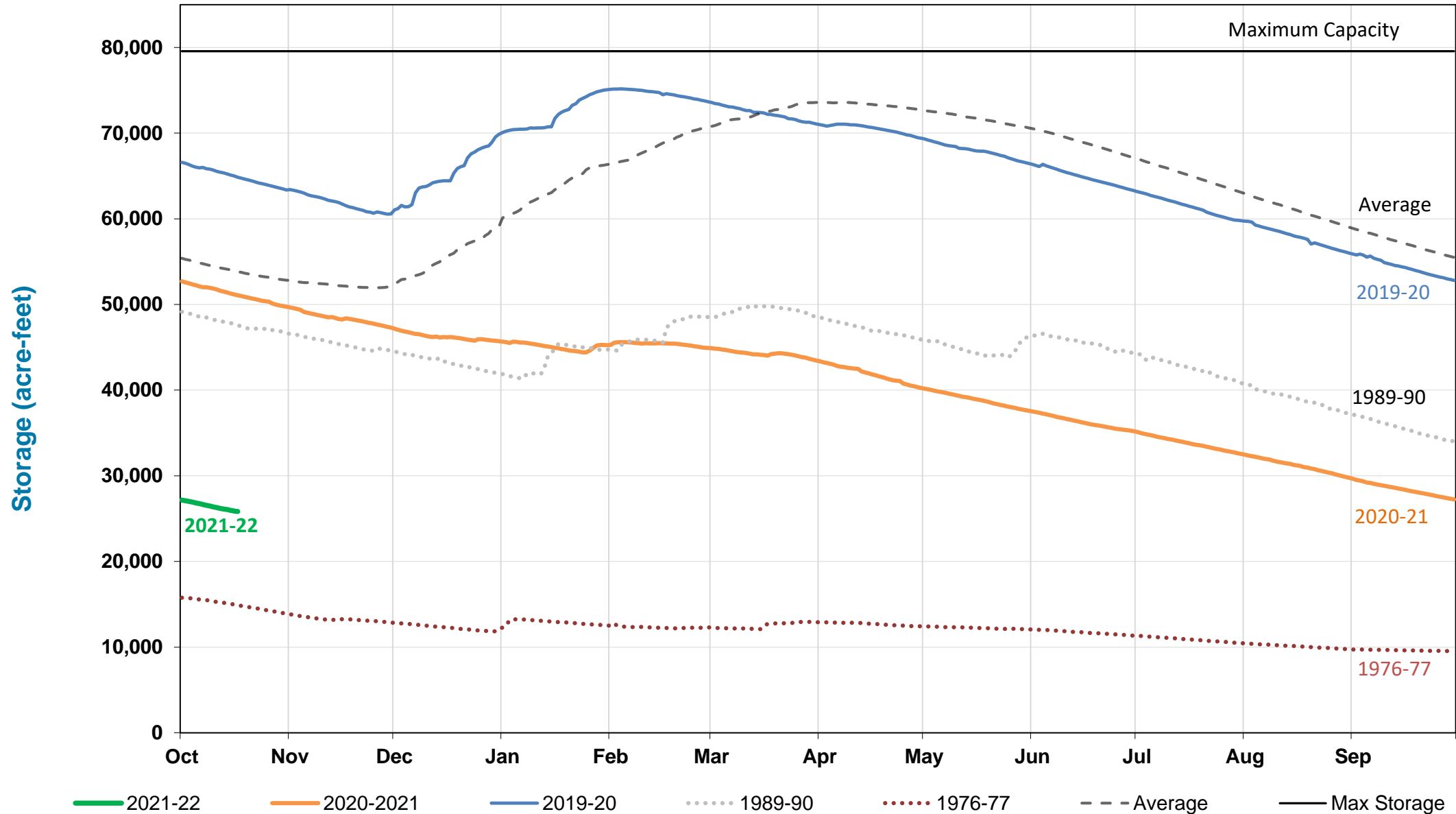


Overview

- Water Supply and Rain Forecast
- Drought Activities and Outreach
- Next Steps

Water Supply and Rainfall

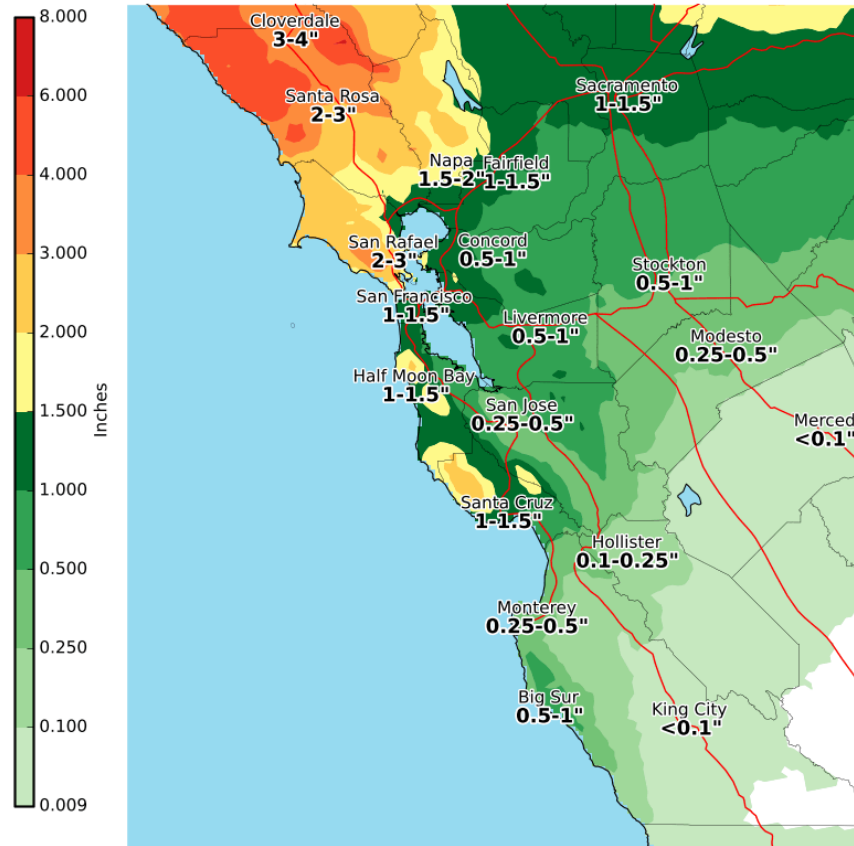
Total Reservoir Storage



Upcoming Rain Forecast

Tonight through Saturday Rain Forecast

Valid: 10/19/2021 05:00 PM - 10/23/2021 05:00 PM PDT

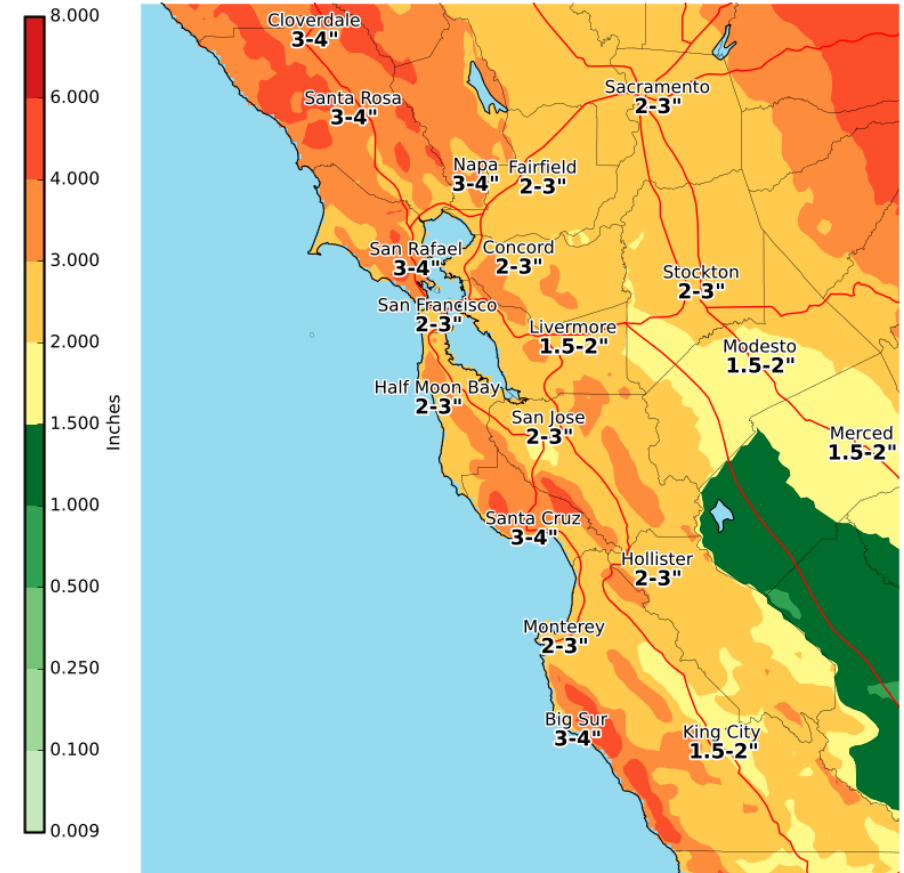


National Weather Service
San Francisco Bay Area
10/19/2021 02:49 PM PDT

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Sunday-Monday Rain Forecast

Valid: 10/23/2021 05:00 PM - 10/25/2021 11:00 PM PDT

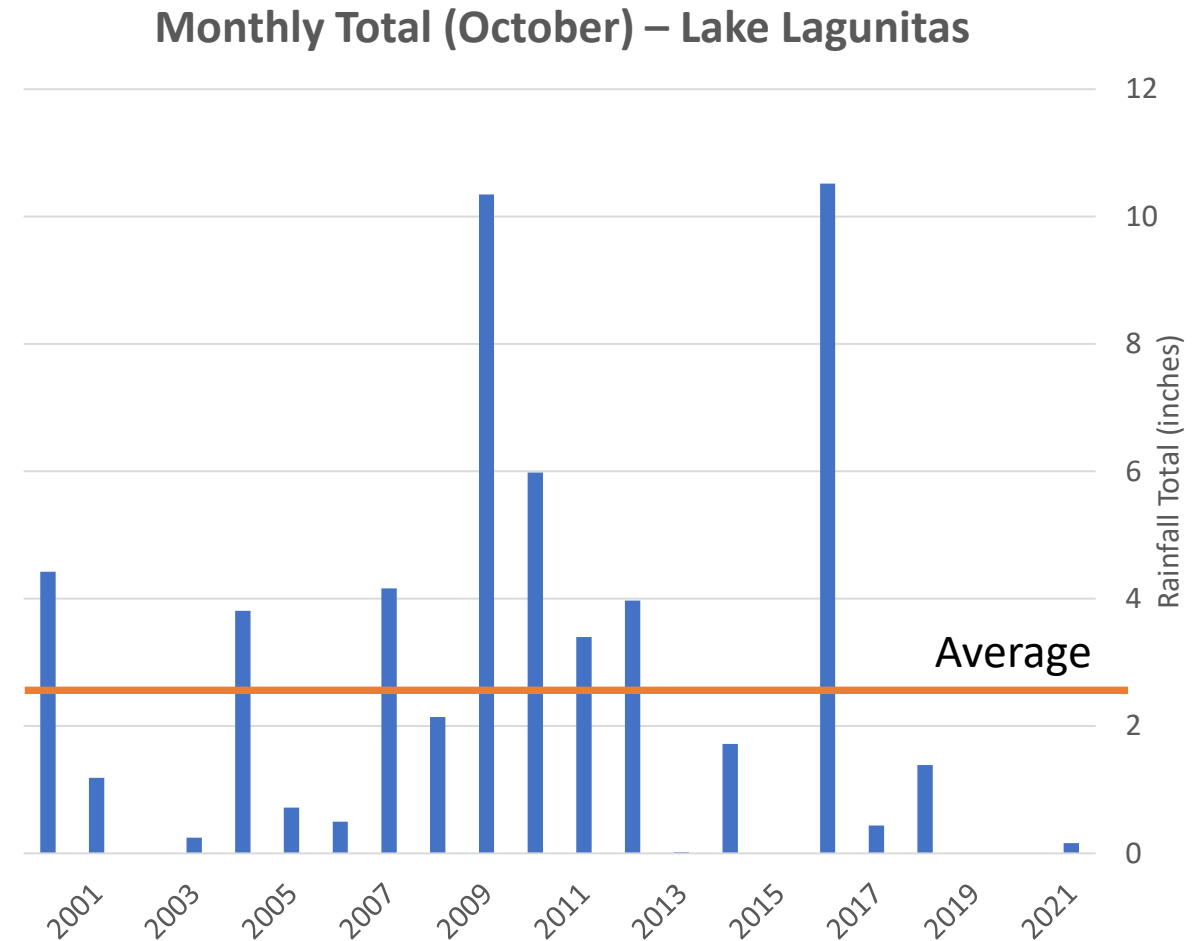


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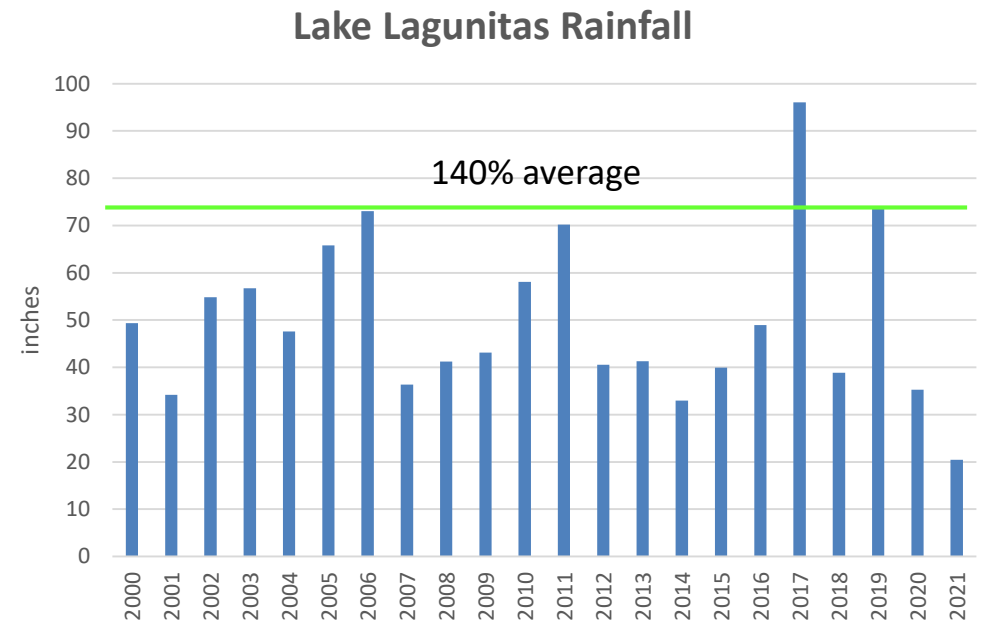
October Rainfall

- Average
 - All records (143 year): 2.7 in
 - Last 20 years: 2.6 in
- So far
 - Received 0.17 inches this month
 - Rain forecasted for this week

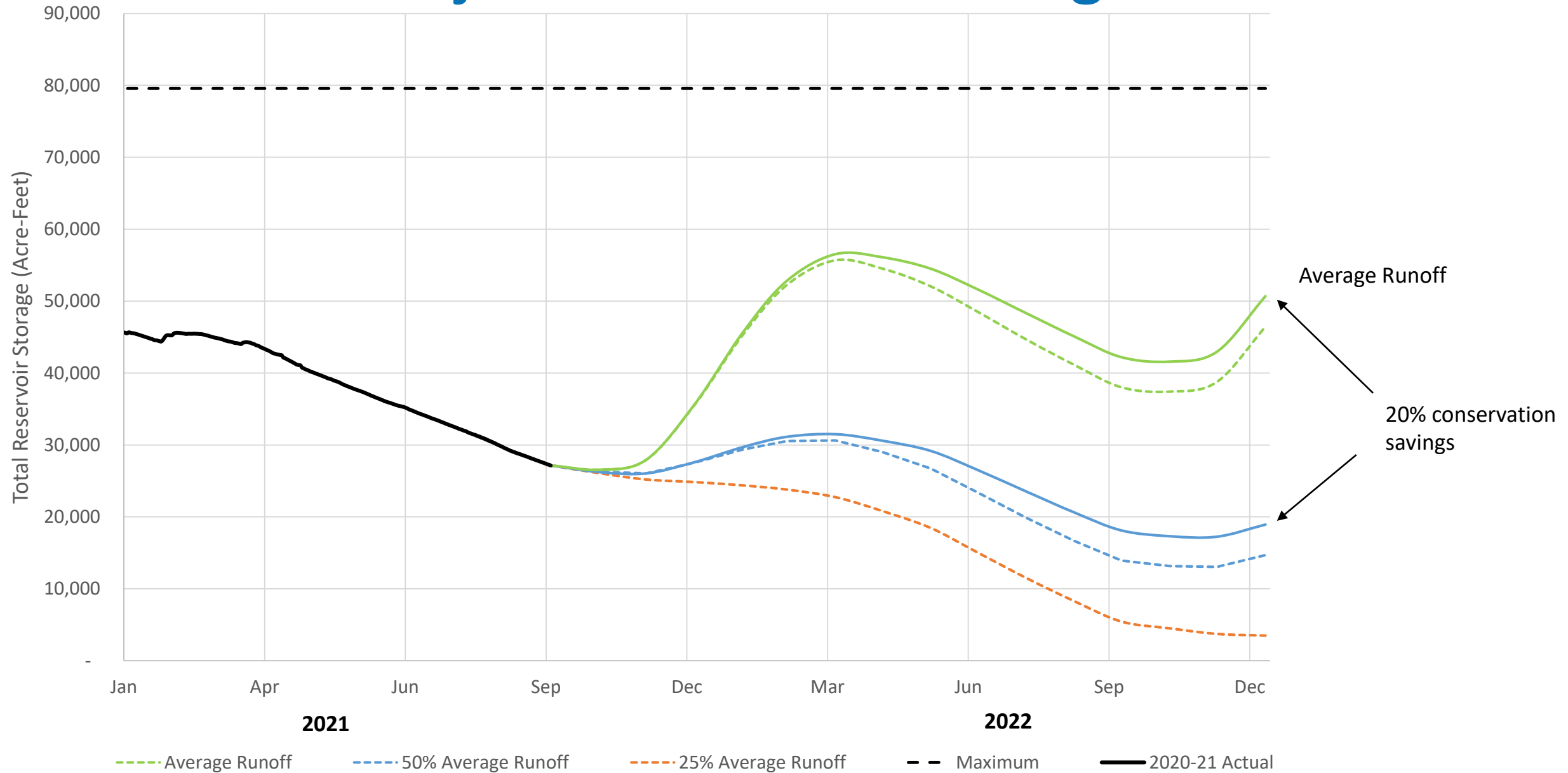


Catching up to Average Runoff

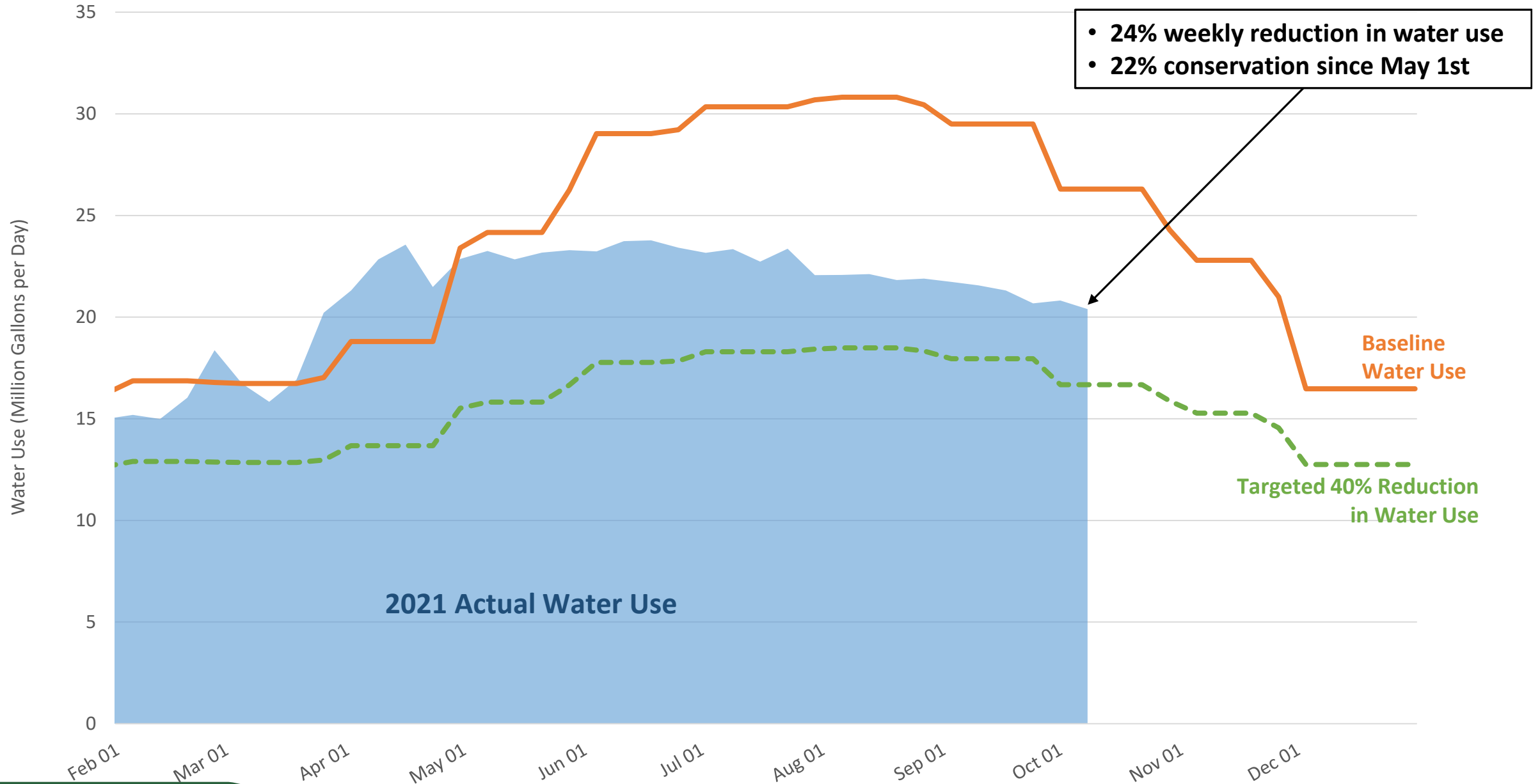
- DWR: 140% of average rainfall needed to produce average runoff (USGS Basin Characterization Model)
- Average → 140% Rainfall:
 - October: 2.6 inches → 3.6 inches
 - Water Year: 52 inches → 73 inches
- Received over 73 inches in last 20 years:
 - 2019, 2017, 2006



Projected Reservoir Storage



Actual vs. Targeted Water Use



Drought Activities and Outreach

Community Conversation on Drought Webinars

- **Session 1: Conservation**

Monday, October 11, 5 – 7 p.m.

- Water supply update
- Conservation tips, rebates and incentives

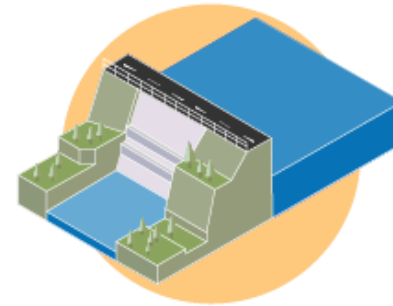
- **Session 2: Supplemental Water Supply**

Thursday, October 21, 5 – 7 p.m.

- Water supply update
- Drought response and supplemental water supply projects

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

- ~20 minute presentation followed by open time



Drought Webinar Part II

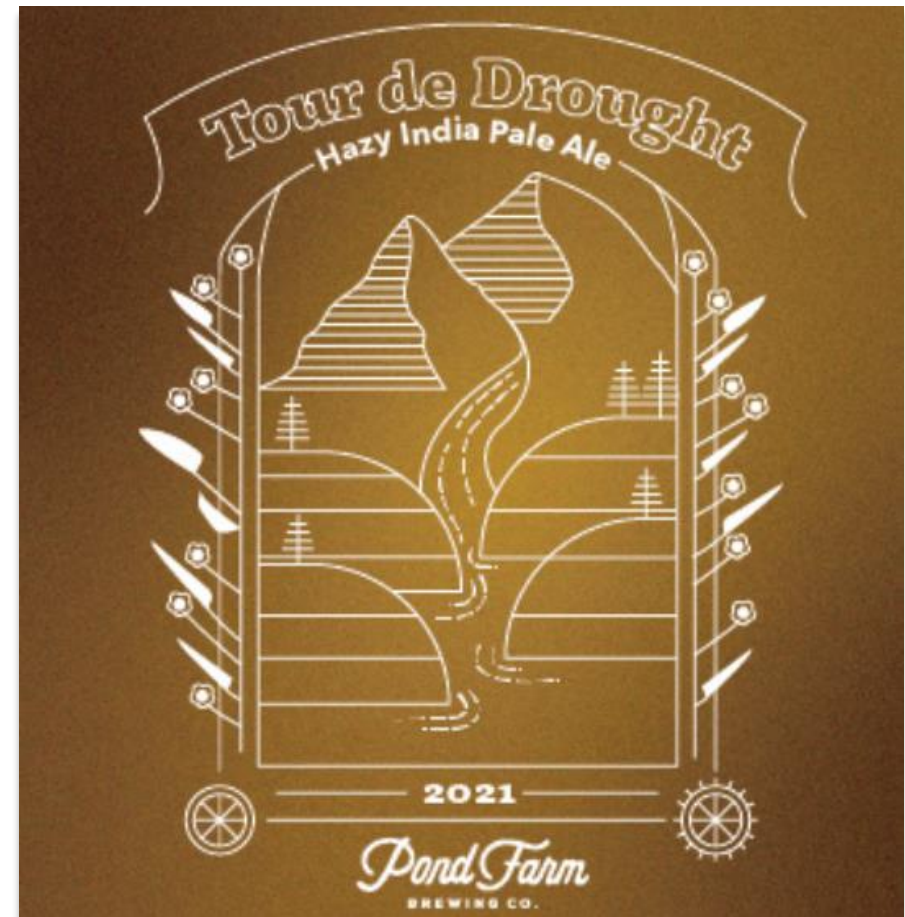
October 21 | 5 - 7 p.m.



Le Tour de Drought

October 23rd – November 14th

- MTB, road, open to all users throughout watershed
- Register for a free Marin Water water bottle
- Self guided rides tracked on cycling app
- Partnership with local business
 - Bike shops, brewery, restaurants



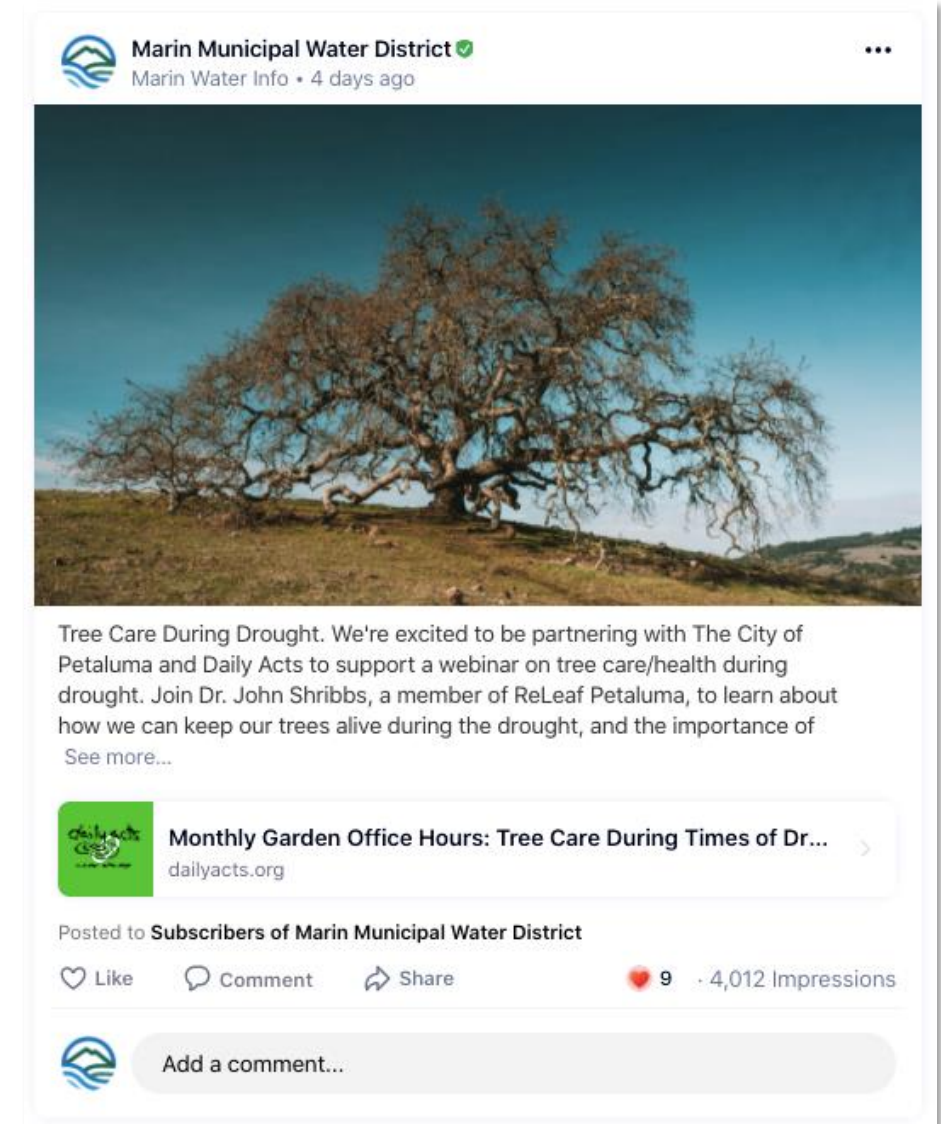
Mulch Madness- Direct Install Sheet Mulching Program

- Conservation Corps. North Bay
 - 48 sites
 - 46,137 sqft
 - 56 work days
 - Last Work Day: October 14th
 - 20-hour Qualified Water Efficient Landscaper Training for crews
 - Original Contract: \$99,511, \$4.16/sqft
 - Amendment: \$70,044, \$3.15/sqft




Supporting Tree Health


- Tree Care During Times of Drought Webinar
 - In coordination with City of Petaluma and Daily Acts
 - Over 100 attendees



Rain has Arrived - Turn Off Irrigation



Marin Municipal Water District ✓
Marin Water Info • 1 day ago



0:00 / 0:13

Rain - Please turn off your irrigation. Over the past 24 hours, our sensors at Lake Lagunitas measured 0.16 inches of rain! But we're definitely not out of the drought yet. Please turn off your irrigation systems during and within 48 hours of measurable rainfall.

Consider using our rain barrel rebate to make the most out of the rainy season.
MarinWater.org/Rebates

Posted to **Subscribers of Marin Municipal Water District**



Marin Water
Published by Gavin Murray · Yesterday at 10:36 AM ·

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Next Steps

- Development of strategic implementation plan for long term conservation and communications
- 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

