

# Drought Update



City Council Meeting

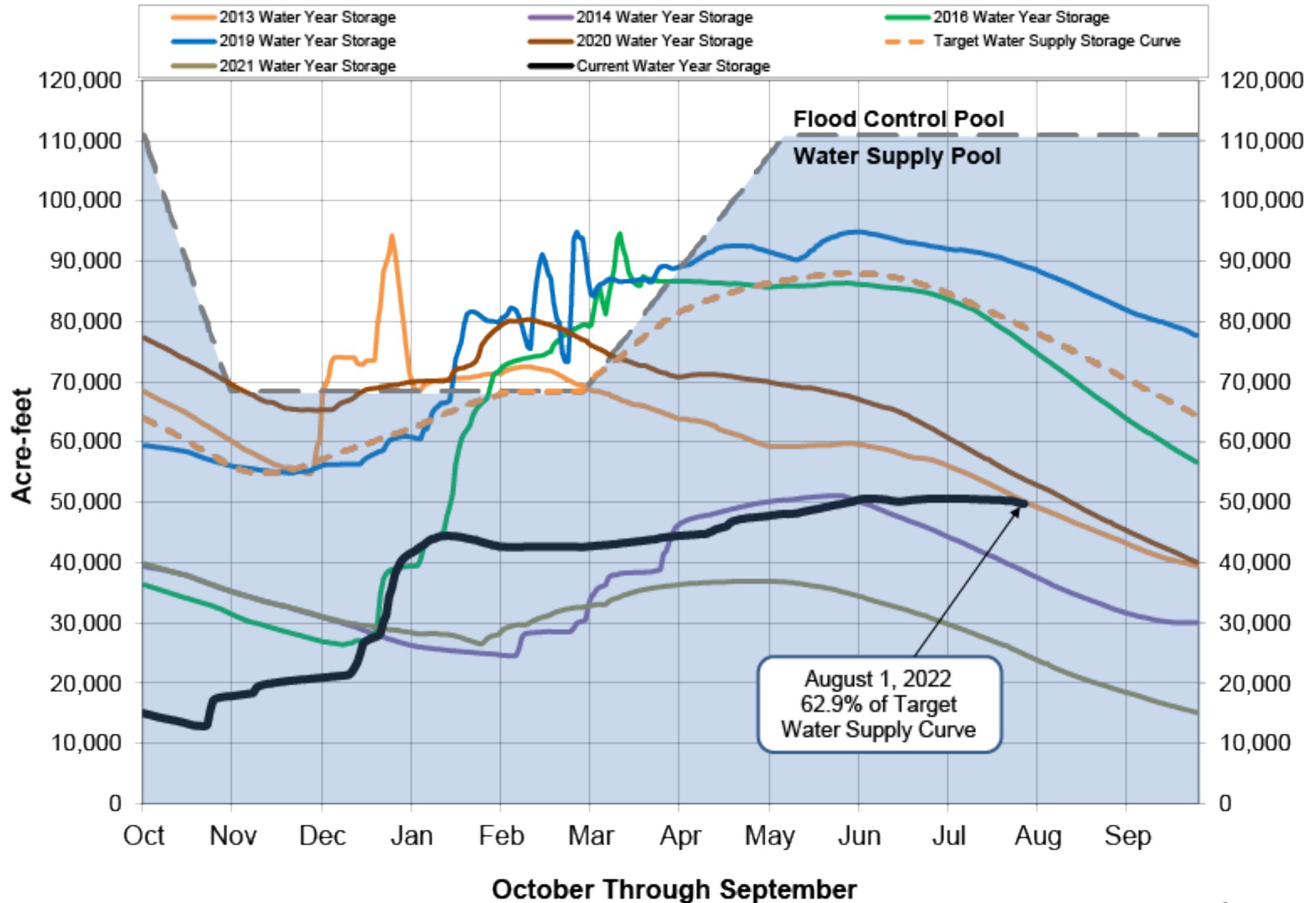
August 8, 2022

*Jennifer Burke – Water Director*



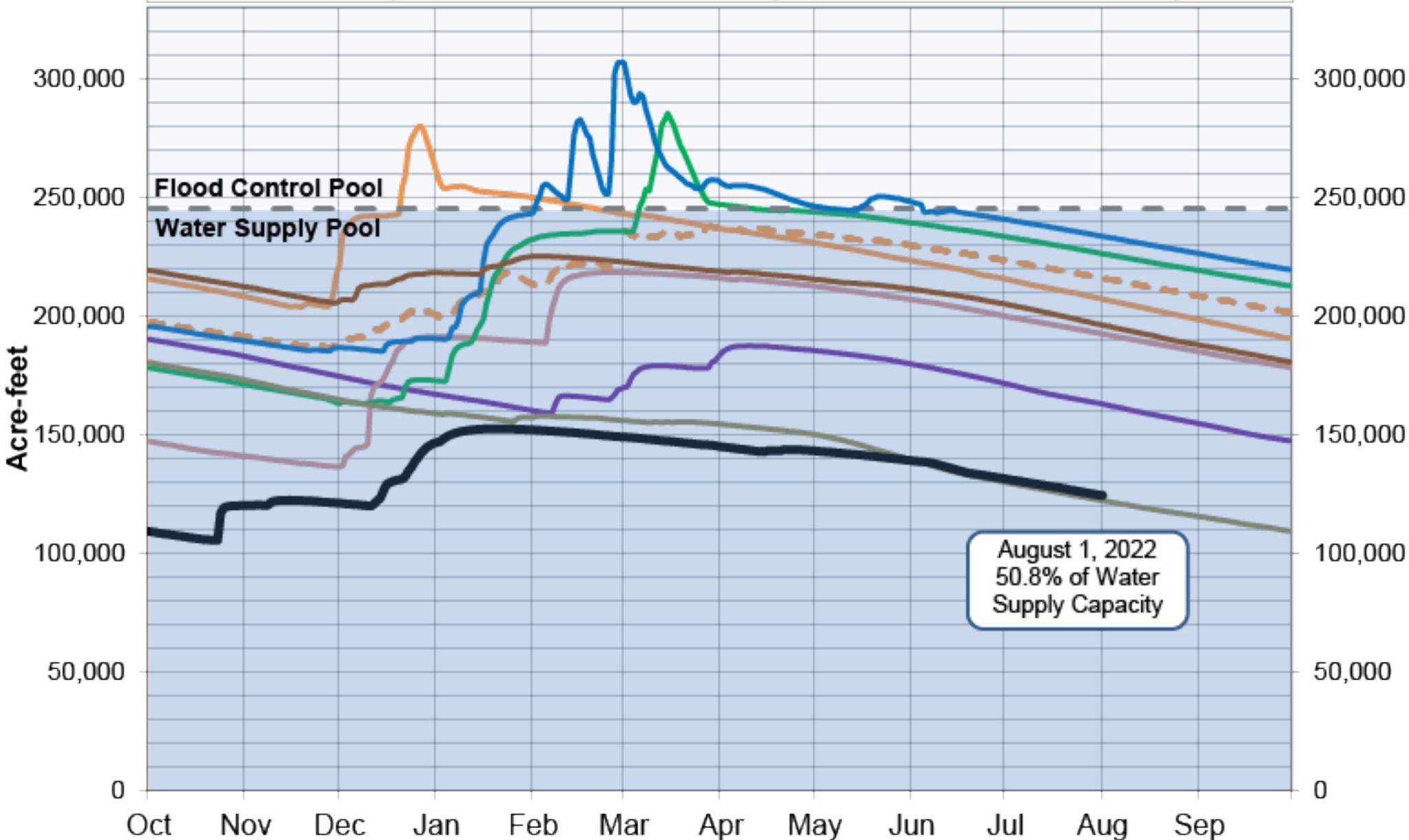
OUR FUTURE IN EVERY DRÖP

# Lake Mendocino Storage



# Lake Sonoma Storage

- 2012-2021 Average Water Year Storage
- 2013 Water Year Storage
- 2014 Water Year Storage
- 2015 Water Year Storage
- 2016 Water Year Storage
- 2019 Water Year Storage
- 2020 Water Year Storage
- 2021 Water Year Storage
- Current Water Year Storage



August 1, 2022  
50.8% of Water  
Supply Capacity

October Through September

# Temporary Urgency Change Order - 2022



- Sonoma Water filed petition on May 25, 2022
- SWRCB Issued TUCO
- Water year classified as “critical” water supply conditions
  - 25 CFS Upper / 35 CFS Lower
- 20% reduction in diversions
  - July 1 to October 31, when compared to 2020

# Santa Rosa Allocations Comparison 2021 vs. 2022

- 2021 – WAC unanimously agreed to 20% across the board reduction
- 2022 – Water Shortage Allocation Methodology used
  - Takes into account conservation implementation and demand hardening

Allocations (MGD)	July	August	September	October
2021	19.17	17.63	15.11	15.05
2022	19.32	18.91	17.53	17.27
2022 as % of 2021	101%	107%	116%	115%

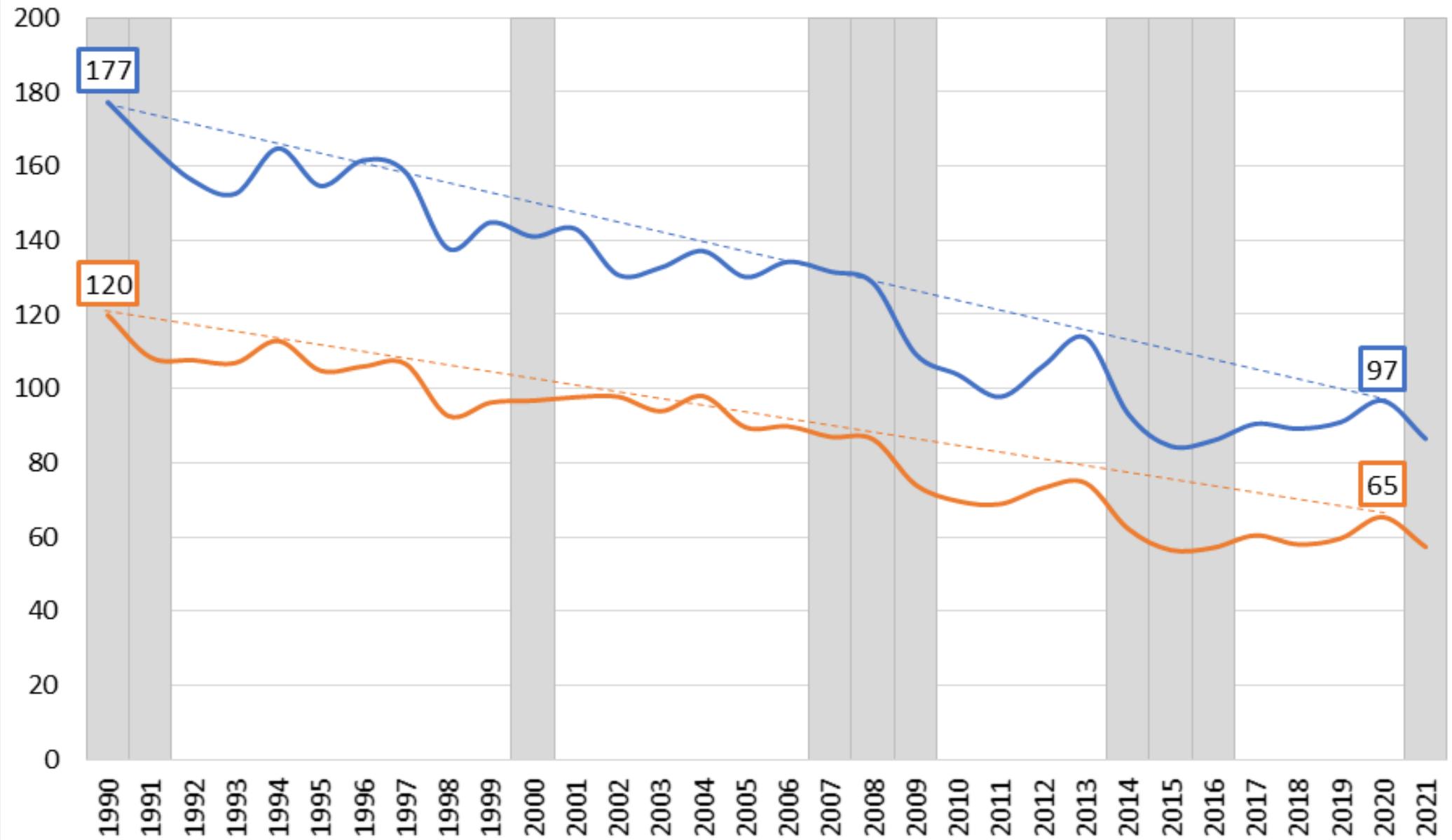
# Water Use Reductions: 2021-2022

- Stage 3 enacted by City Council June 29, 2021
- Our customers have saved over 1B gallons to date
- We have doubled efforts as we head into our hottest time of the year
- Customer response and demand for water use efficiency remains strong
  - audits, rebates, water waste reporting, etc.

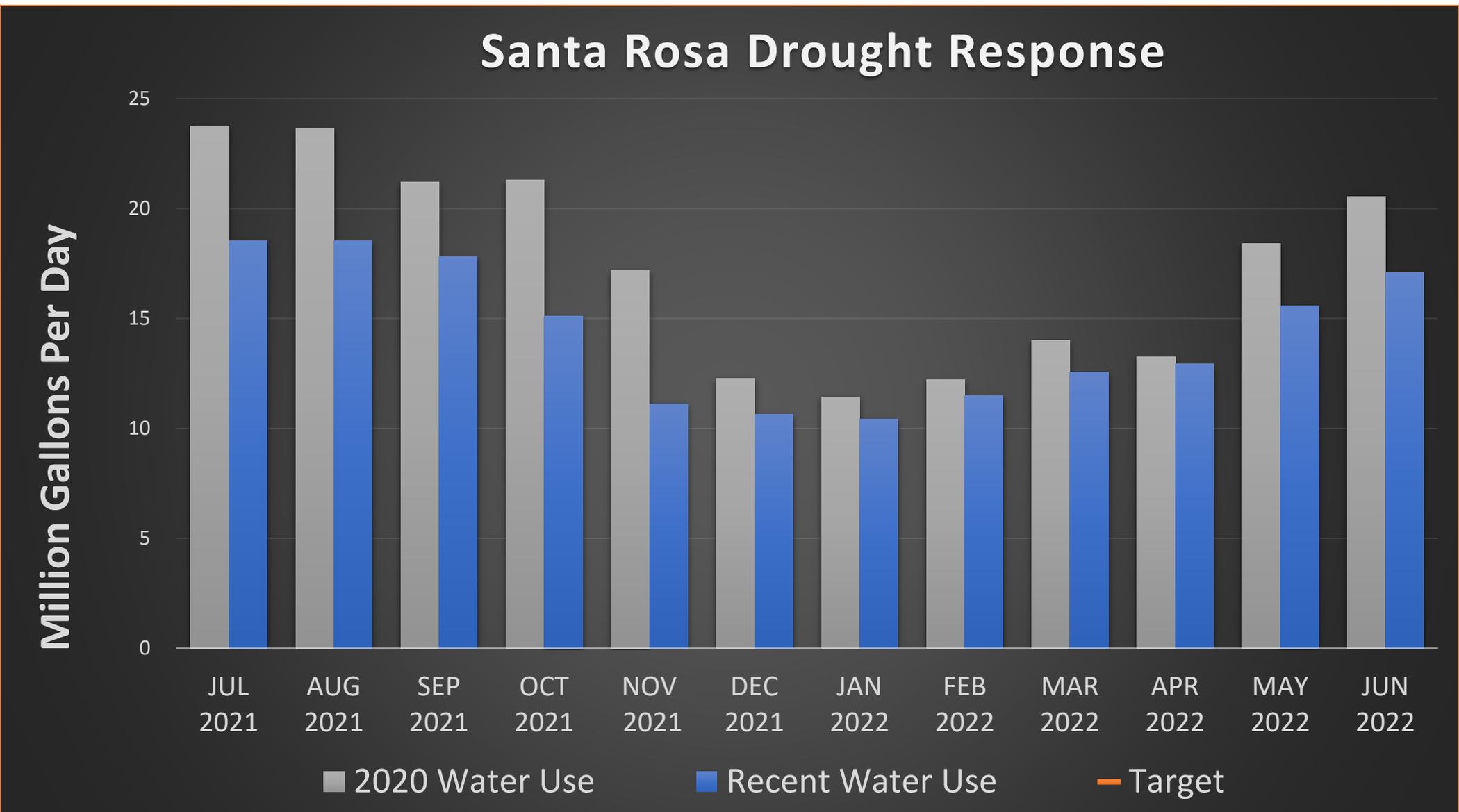
# Santa Rosa Water Use (indoor + outdoor)

## 45% decline in peak Gallons per Capita per Day (GPCD)

Shortage Declaration Total GPCD Residential GPCD



# Santa Rosa Cumulative Drought Reductions



- In June 2022, Santa Rosa residents reduced water use by **17%** in compared to 2020
- From July 2021 - June 2022, water use has been reduced by **17%** compared to 2020

# Key Outreach Messages



- Pick up a FREE Drought Kit at multiple events or Santa Rosa Water offices (during business hours)
- Save water outdoors now and throughout this summer:
  - Reducing watering times
  - Finding and fix leaks and breaks
  - Installing drip irrigation and a smart controller (rebates available)
  - Watering only between 8 p.m. and 6 a.m.
  - Selecting drought tolerant and low water use plants
  - Prioritizing watering trees and shrubs
  - Using mulch to reduce evaporation
- Report Water Waste: [srcity.org/WaterWaste](http://srcity.org/WaterWaste) or call 707-543-3985
- Use the WaterSmart portal: [srcity.org/WaterSmartPortal](http://srcity.org/WaterSmartPortal)





**Drought Pop-Up Events will occur simultaneously on Saturday, August 20 at these locations:**

- **Santa Rosa**
- **Petaluma**
- **Valley of the Moon**
- **Marin County**

**[savingwaterpartnership.org/popups/](http://savingwaterpartnership.org/popups/)**

**STILL**  
**DROUGHT IS HERE**  
**SAVE WATER** 

**SAVING**  
**WATER**  
**SUMMER**  
**POP**  
**UPS**



**NEXT EVENT**  
**SATURDAY, AUGUST 20**  
**10 A.M. – 2 P.M.**

**Friedman's Home Improvement**  
**4055 Santa Rosa Ave.**  
**Santa Rosa, CA 95407**

**Pick up a free drought toolkit**

- **Bucket to capture water**
- **Showerhead and faucet aerators**
- **Toilet leak dye tabs**
- **Hose nozzle**



**[srcity.org/PopUps](http://srcity.org/PopUps)**

# Santa Rosa Water is here to help you save!

For WaterSmart Resources, visit:

[srcity.org/WaterSmart](http://srcity.org/WaterSmart)

For the latest drought updates, visit:

[srcity.org/SaveWater](http://srcity.org/SaveWater)

