

# Water Supply Update

Board of Public Utilities Meeting

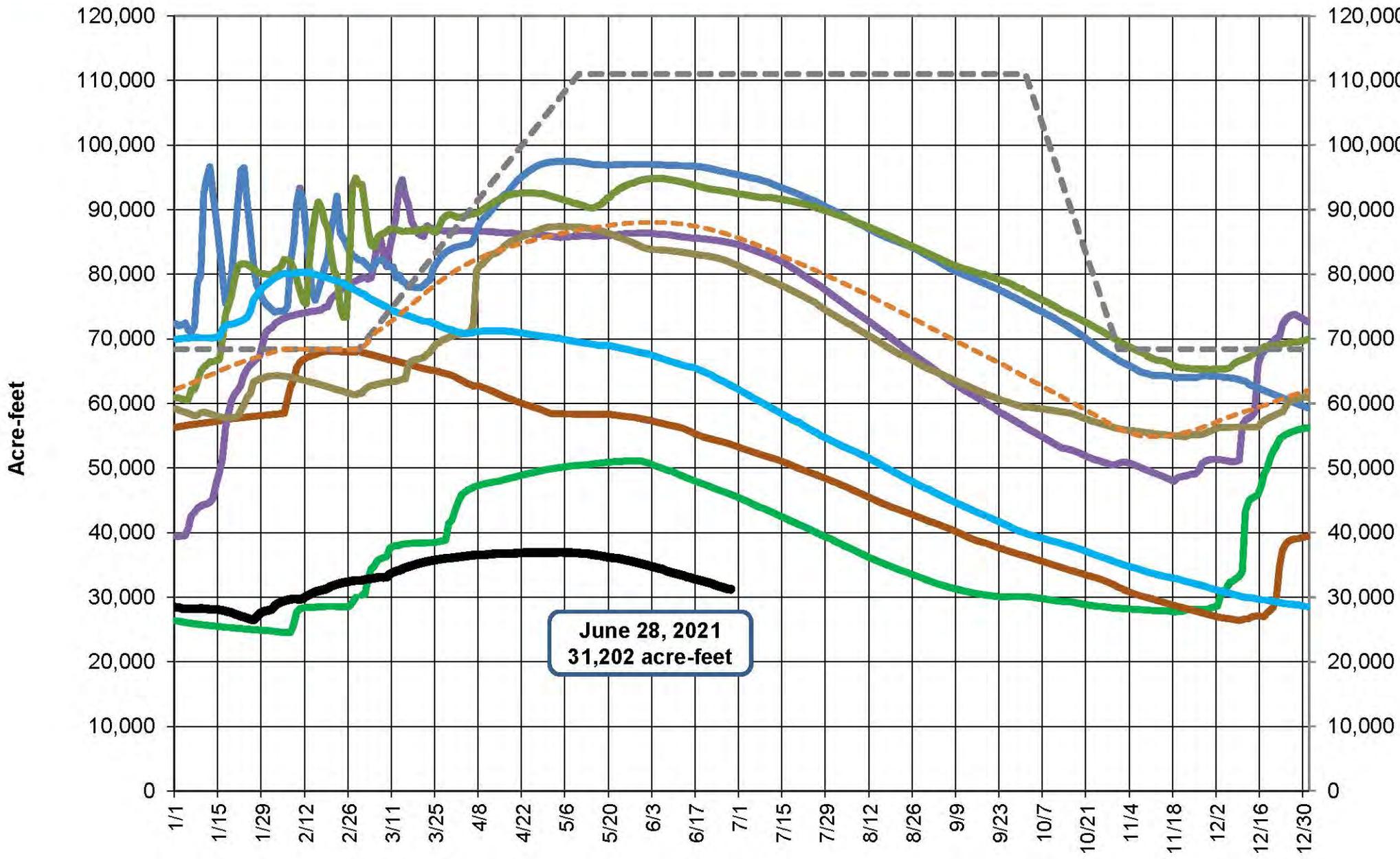
July 1, 2021

*Peter Martin – Deputy Director Water Resources*



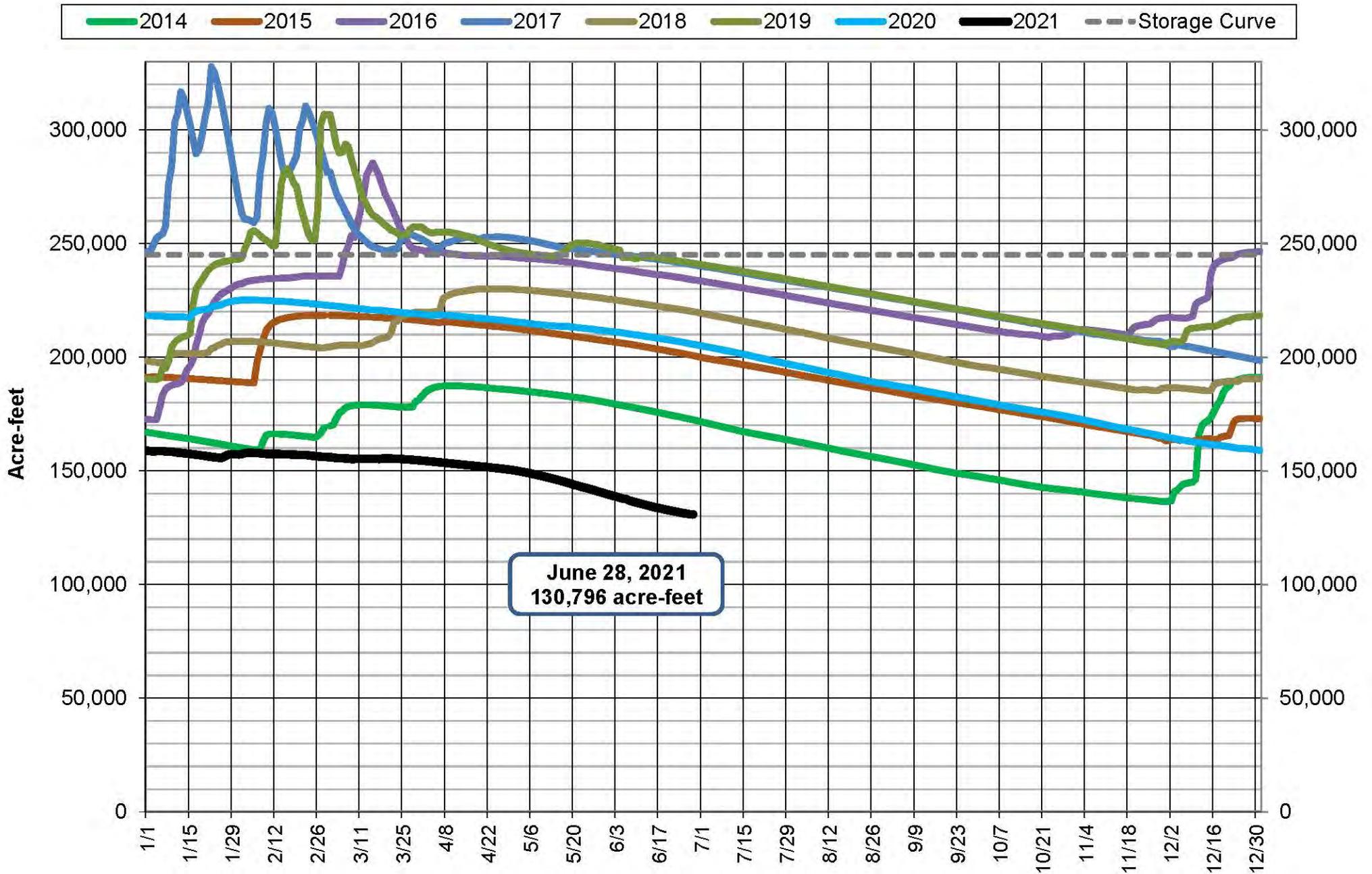
# Lake Mendocino Storage

2014 2015 2016 2017 2018 2019 2020 2021 Storage Curve Target Water Supply Storage Curve



June 28, 2021  
31,202 acre-feet

# Lake Sonoma Storage



# Sonoma Water Allocations

- Section 3.5 of the Restructured Agreement for Water Supply outlines how water will be allocated during a water supply shortage
- Restructured Agreement also provides that the Water Advisory Committee can, by unanimous vote, determine an alternate allocation methodology
- May 3, 2021, the WAC unanimously adopted a temporary allocation of water deliveries for this summer
- Monthly allocation up to 20% less compared to 2020

# Santa Rosa City Council Action

***On June 29, 2021 the Council of the City of Santa Rosa passed a resolution:***

1. Declaring a drought emergency
2. Adopting Stage 3 of the City's Water Shortage Contingency Plan
3. Directing staff to implement the water conservation program as defined by Stage 3 to realize a mandatory community-wide water use reduction of 20%
4. Authorized the utilization of Water Enterprise Catastrophic Reserve funds, if necessary.

# What is a Water Shortage Contingency Plan?

Being prepared for water shortages & emergencies

- Required by law for urban water suppliers
- Defines shortage levels corresponding stages of action
- Identifies corresponding stages of action
- Updated every 5 years

Planned response actions to reduce demand

- Outreach & education
- Customer service & assistance
- Prohibitions & restrictions
- Compliance & enforcement
- Monitoring and reporting

# Water Shortage Contingency Plan Stages and Reduction Targets

Supply Shortage	Shortage Stage	Reduction Target	Program Type
Up to 10%	Stage 1	10%	Voluntary
11 – 15%	Stage 2	15%	Mandatory
16 – 20%	Stage 3	20%	Mandatory
21 – 25%	Stage 4	25%	Mandatory
26 – 30%	Stage 5	30%	Mandatory
31 – 40%	Stage 6	40%	Mandatory
41 – 50%	Stage 7	50%	Mandatory
Over 50%	Stage 8	Over 50%	Mandatory

# Stage 3 Prohibitions & Restrictions

## **Water Waste Ordinance always in effect**

- Prohibits leaks/breaks in water system
- Prohibits overspray and runoff

## **Stage 3 – Prohibitions and Restrictions**

- Irrigation limited to 8:00 PM to 6:00 AM
- Shut-off nozzles for hoses required
- No washing hard surfaces (unless required for public health)
- Restaurants only serve water upon request
- Hotels and lodging must message guests about laundering linens only upon request
- No pressure washing with potable water

# Compliance & Enforcement



Progressive approach

- Alert customer to violation

- Offer technical assistance

- If needed, issue warning(s)

- If needed, apply penalty

Variance procedure available

# Shortage Charge and Use of Reserves

## Implementation of 7.5% Water Shortage Charge and Use of Water Enterprise Catastrophic Reserve allowed in Stage 3

- Policy 000-57: Santa Rosa Water Reserve Policy provides for catastrophic reserves to be used to offset revenue lost due to mandatory water restrictions
- Assists in protecting financial condition of the utility due to reduced revenue and increased expenses

## Water Shortage Charge not needed at this time and unlikely Catastrophic Reserve will need to be used at this time

- FY 21/22 Budget - Reductions in water use due to drought incorporated into projected revenues and expenses
- Sufficient fund balance to absorb projected reduction in revenue
- Utilization of Catastrophic reserve will only occur if needed

# Outreach Activities – look ahead

- ✓ Sonoma-Marín Saving Water Partnership Challenge (**Save Water, Win Prizes!**)
- ✓ Letter to all customers – Mandatory 20%
- ✓ Mandatory Restrictions – outreach to industries impacted
- ✓ Smart Irrigation Month
- ✓ Drip Irrigation Basics Workshops
  - SPANISH: Tuesday, July 6 | 5:30 - 7:00 p.m.
  - ENGLISH: Tuesday, July 13 | 5:30 - 7:00 p.m.
- ✓ Bill Inserts, Social Media, Radio, and City Connections
- ✓ Additional Drought Drop-by Events (Aug & Oct)



Learn about  
rebates and  
incentives

**Santa Rosa Water Use  
Efficiency Contact:**

**[Srcity.org/WaterSmart](http://Srcity.org/WaterSmart)**

**(707) 543-3985**