

# Water & Recycled Water Supply Update

Board of Public Utilities Meeting

January 21, 2021

*Peter Martin – Deputy Director Water Resources*

*Emma Walton – Deputy Director Water Reuse*



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# Russian River Water Supply

- Potter Valley Project, Lake Mendocino, Russian River
- Lake Sonoma, Dry Creek
- Diversion, storage and minimum instream flows governed by Decision 1610



# Russian River Water Supply

- Instream flows based on calculated cumulative inflow into Lake Pillsbury
  - October 1 to the first day of each month from January to June
- Considered Normal unless Dry or Critical Dry conditions exist
  - Currently Normal conditions
- Lake Mendocino
  - 2019-20 Water Year – 3<sup>rd</sup> driest on record
  - 2020-21 Water Year – Below average rainfall
- Critically low storage levels projected for Lake Mendocino without intervention



# Temporary Urgency Change Petition

- ***Potter Valley Project Operations***
  - PG&E has notified Sonoma Water that they intend to reduce flows into upper Russian River watershed
- ***Strategy - Preserve Lake Mendocino Storage***
  - Meet water demands
  - Releases for fall run of fish in Russian River
- ***Sonoma Water will file a new TUCP in January 2021***
  - Minimum instream flow requirements for Russian River would be established using an index based on water storage in Lake Mendocino
  - Current index is based on cumulative inflow into Lake Pillsbury
  - Would adjust to “dry water supply conditions” scenario



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# Temporary Urgency Change Petition

- ***Strategy – Changing Hydrological Index to Lake Mendocino***
  - Same request in TUCP filed in 2014-15
  - Affects Upper Russian River
  - Decision 1610 – Sonoma Water Fish Habitat and Water Rights Project
    - Proposes to make this index change permanent to better reflect conditions in the watershed (Russian River)

# Water Year Rainfall Totals to Date

Location	Rainfall Oct 1 – January 13, 2020	Percentage of Normal*
Ukiah	5.90"	33%
Santa Rosa	5.77"	33%

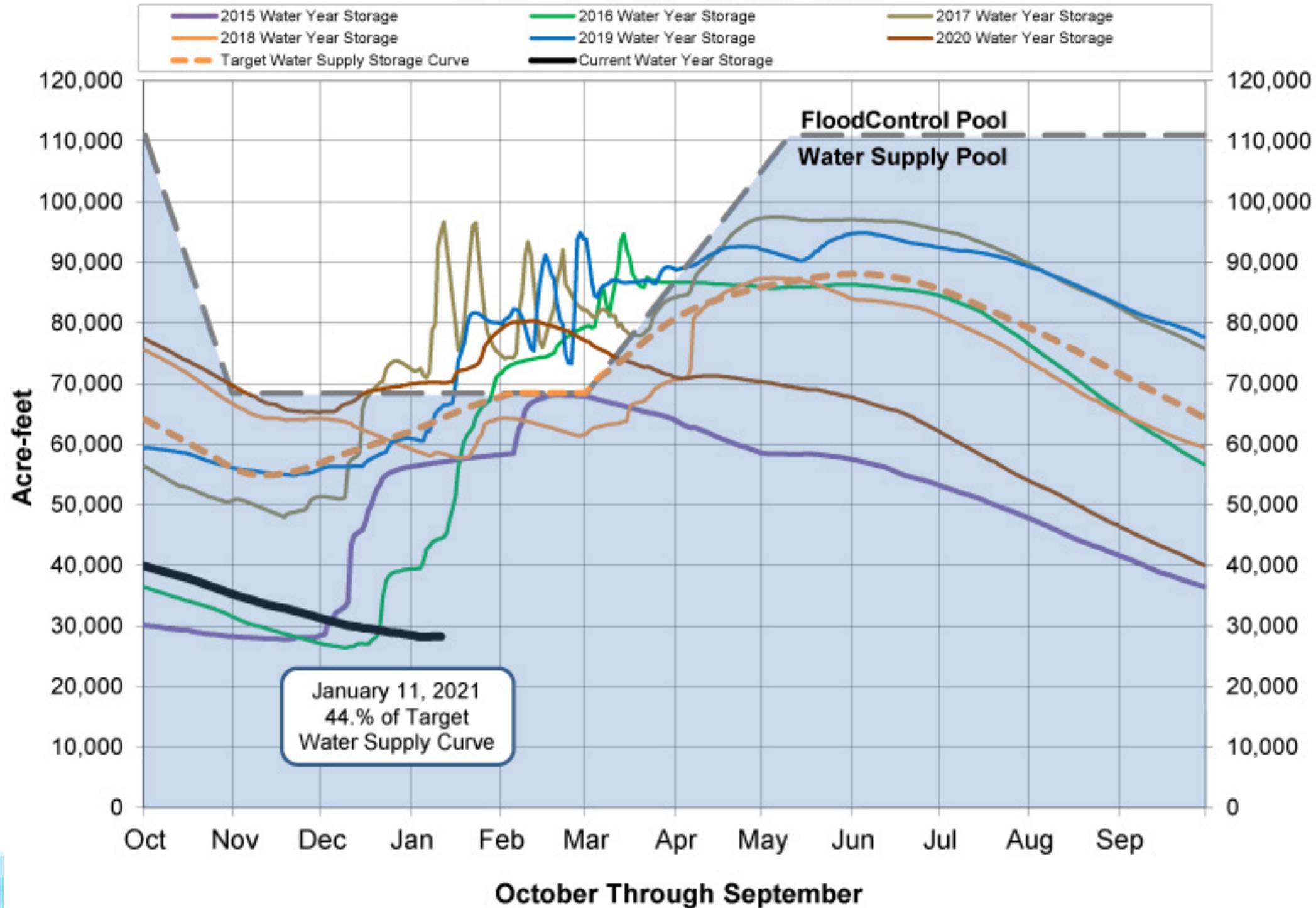
Source: CA-NV River Forecast Center

\*Percentage of Normal based on 1981-2010 Averages

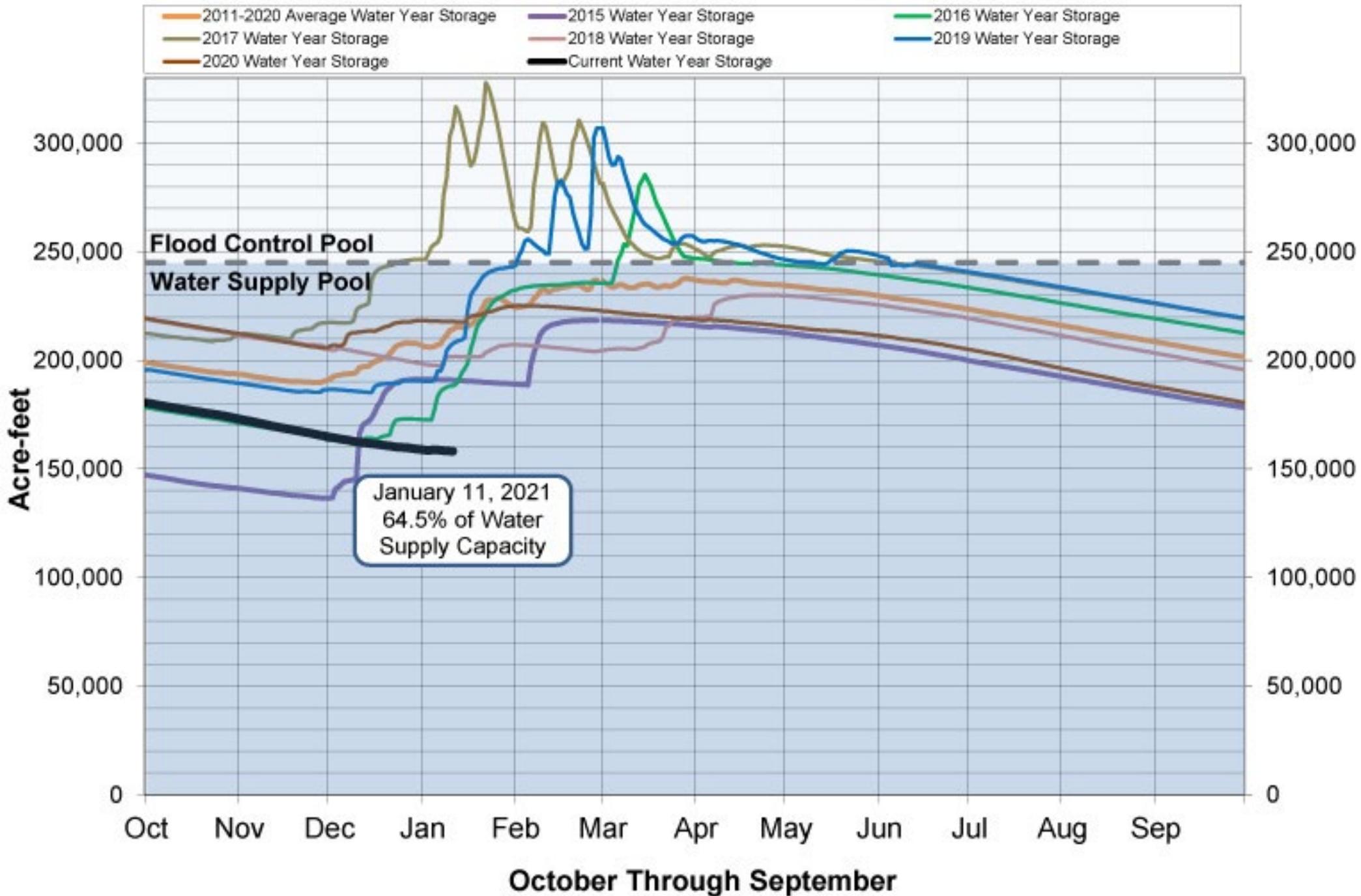


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# Lake Mendocino Storage



# Lake Sonoma Storage



# Santa Rosa Water Activity

- Working with partners in the region to ensure consistent messaging
- Extending work products with Communications Team assistance
- Launching multi-media outreach to internal & external stakeholders



# Sonoma-Marin Saving Water Partnership

## Regional Awareness Campaign

**“It’s a Dry Year. Save Water With Us.”**

- Water saving tips
- Direct public to rebates



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# SMSWP Outreach Messaging

**It's a dry year.  
Save water with us.**

**Save water now by replacing  
inefficient toilets with new  
high-efficiency models.**

Top performing models use just  
0.8 gallons per flush.

For more water saving tips visit  
[SavingWaterPartnership.org](http://SavingWaterPartnership.org)



**It's a dry year.  
Save water with us.**

**Save water now by turning off  
your irrigation system.**

Plants need much less water during  
the winter. Manually water only when  
the soil below the surface is dry.

For more water saving tips visit  
[SavingWaterPartnership.org](http://SavingWaterPartnership.org)



# Santa Rosa Winter Outreach Campaign

“It’s a Dry Year...Do Your Part to be WaterSmart”



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# Santa Rosa Winter Outreach Campaign



Three **FREE** and Easy Ways to be **WaterSmart!**

**1** Turn **OFF** your irrigation system

**2** Request a **DIY WaterSmart** check-up kit

**3** Save with **FREE WaterSmart** devices

For WaterSmart devices and expert advice, visit [srcity.org/waterSMART](http://srcity.org/waterSMART) or call **707-543-3985**



#3

PREPRINTED ART

PLEASE RECYCLE THIS ENVELOPE



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# Water Shortage Contingency Plan

**Document that describes how Santa Rosa Water will respond to various stages of Dry Weather, Drought or Emergencies**

- Driven by regional supply outlook
- Voluntary or Mandatory levels of Action (tiers)

## **Actions**

- Progressive water use restrictions, prohibitions, enforcement actions, and other demand management tools

## **Implementation of Water Shortage Contingency Plan**

- Levels of Action determined by resolution of the City Council



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# We are here to help!

**Santa Rosa Water Use  
Efficiency Contact:**

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

**(707) 543-3985**





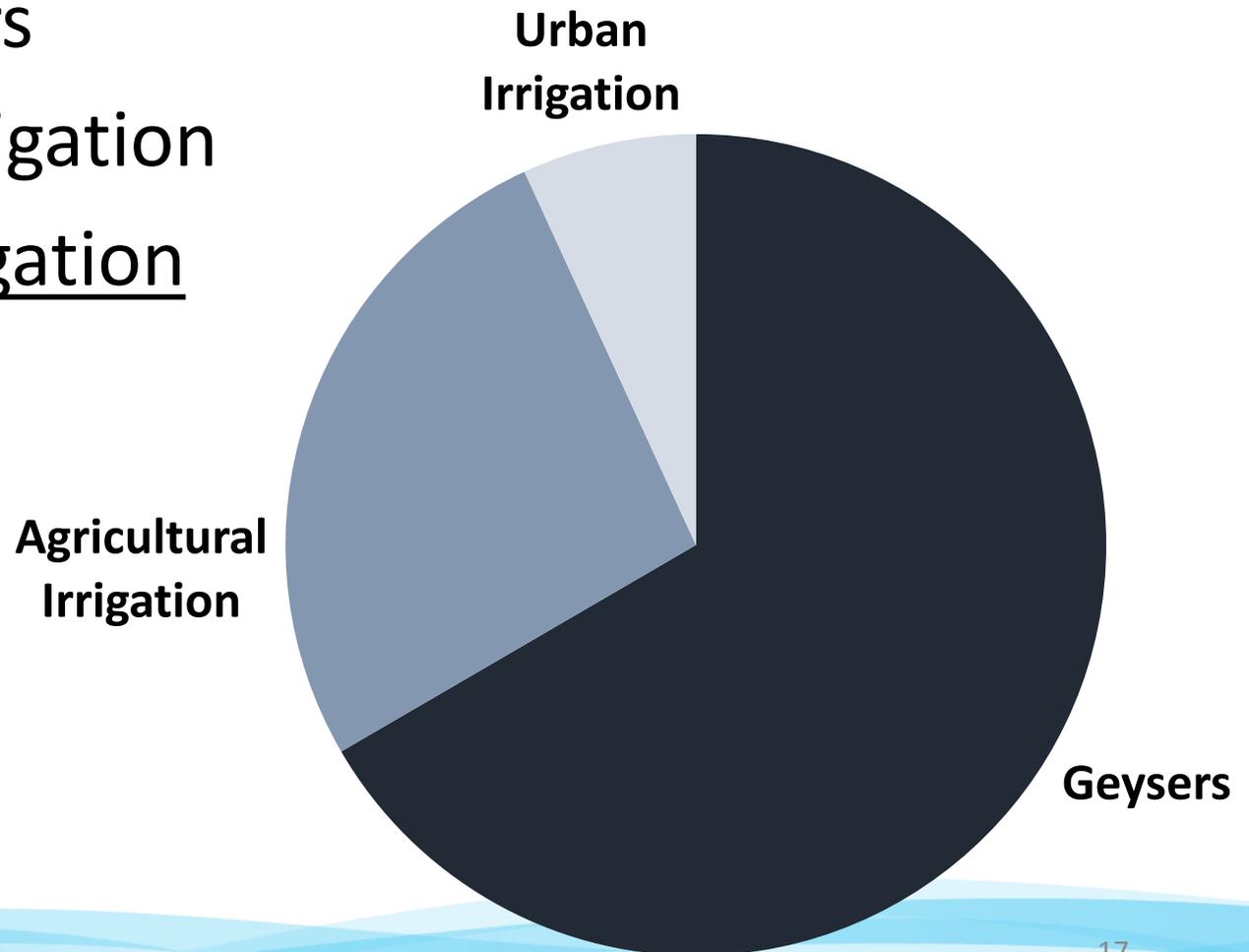
# Recycled Water Supply Update



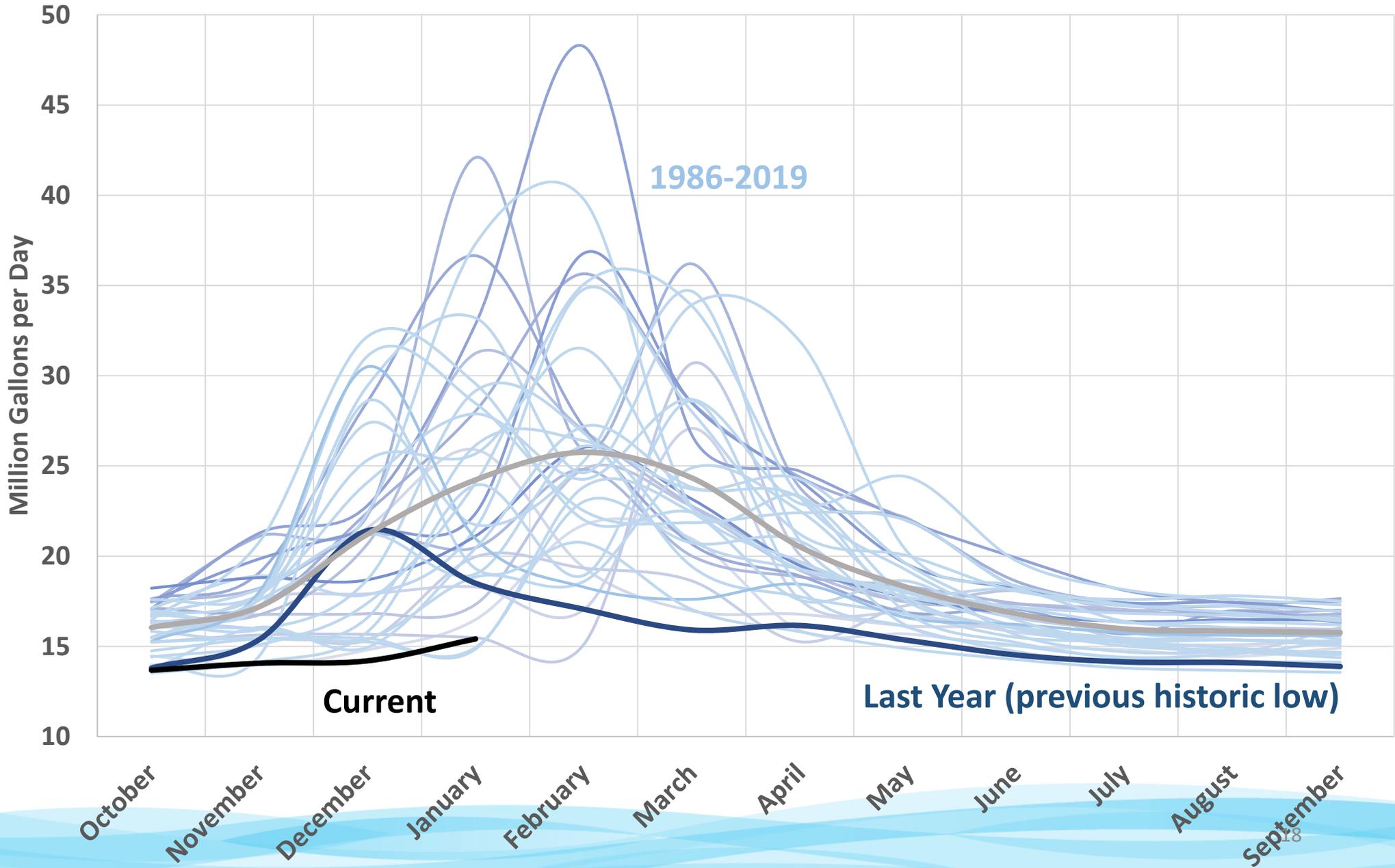
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# 2020 Deliveries

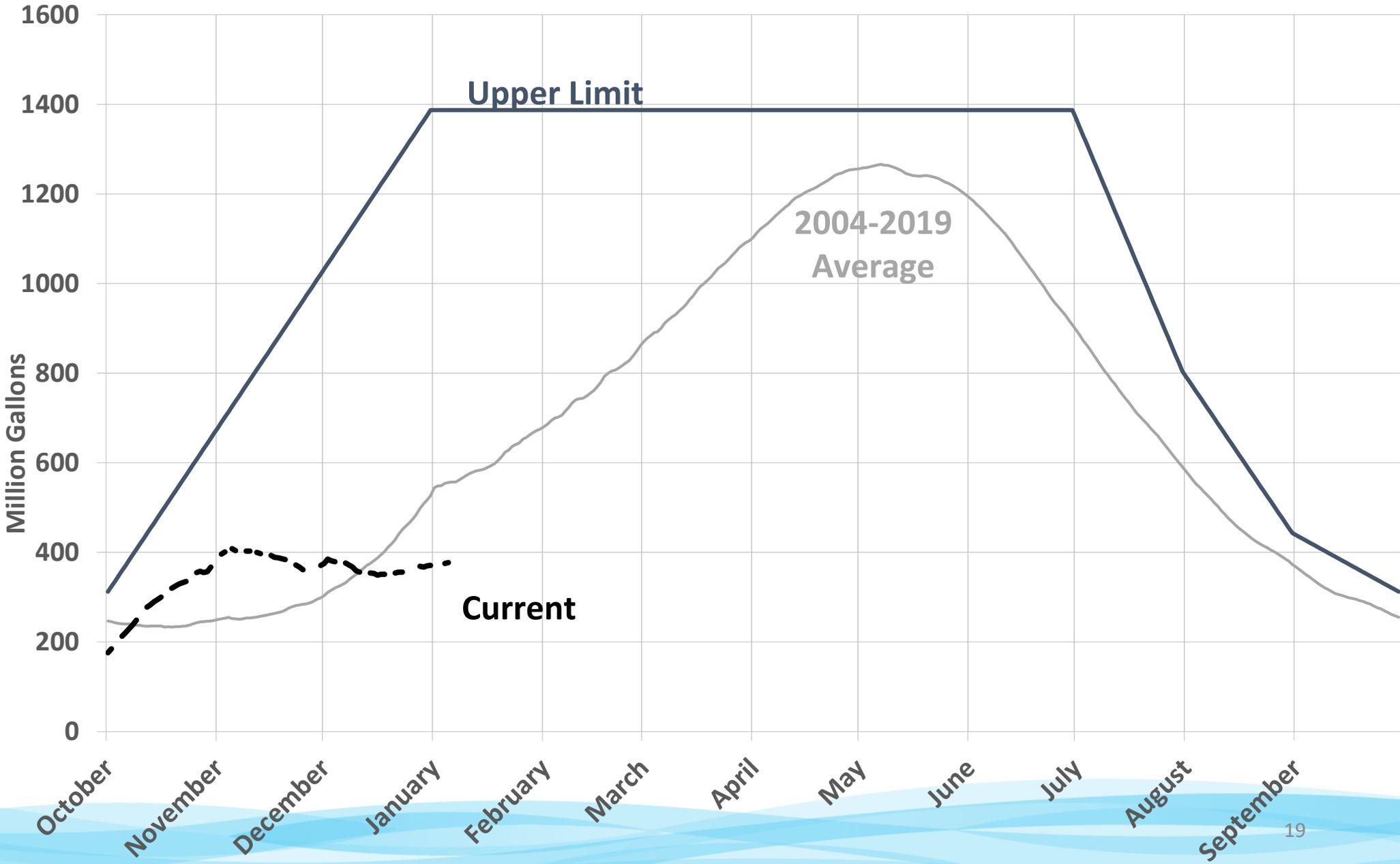
- 3.8 BG to Geysers
- 0.4 BG Urban Irrigation
- 1.5 BG to Ag Irrigation
- **5.7 BG Total**



# Recycled Water Production



# Recycled Water Storage



# Water Availability

- Preparing for Little/No Recycled Water for Interruptible Customers
- Ongoing Ag User Meetings and Updates
  - Met on January 20<sup>th</sup>
- Ongoing Cooperation with Regional Partners



# CONNECT WITH US!

CALL: 707.543.4200

EMAIL: [SRWATER@SRCITY.ORG](mailto:SRWATER@SRCITY.ORG)

VISIT: [SRCITY.ORG/WATER](http://SRCITY.ORG/WATER)



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