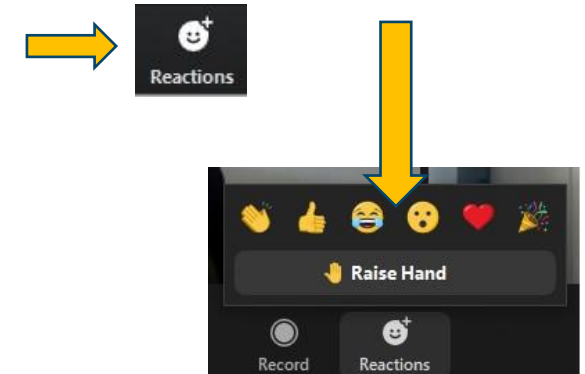


# Meeting Instructions While We Gather

- You have been muted upon entry
- Please feel free to **Unmute** yourself to say “Hi” and test your sound connection
- Please **Mute** yourself during meeting when you are not talking
- **During the meeting, BAWSCA staff will mute your sound and video if necessary**
- The **Raise Hand** feature will be used for Board questions
- **\*NEW\*** To get the **Raise Hand** button, Click on **Reactions** button at the bottom of your screen and Select **Raise Hand**
- The **Chat** function has been disabled for this meeting
- If you have technical difficulties, please text Lourdes at 650-799-3854

Bottom left corner  
of your screen





BAWSCA Service Area

**Every drop counts. Use Water Wisely.**

“A multicounty agency authorized to plan for and acquire supplemental water supplies, encourage water conservation and use of recycled water on a regional basis.”

*[BAWSCA Act, AB2058 (Papan-2002)]*

## **Board Policy Committee Meeting**

**February 9, 2022**

# Call to Order and Roll Call

**Every drop counts. Use water wisely.**



Make the change to  
California native plants  
and use less water.



[SaveOurWater.com](http://SaveOurWater.com)



# Comments by the Chair



**REDUCE OUTDOOR  
WATER USE**

It's a DROUGHT.

**BAWSCA**  
Bay Area Water Supply & Conservation Agency

 **Hetch Hetchy  
Regional Water System**  
Services of the San Francisco Public Utilities Commission

[bawsca.org/DROUGHT](http://bawsca.org/DROUGHT)

# Consent Calendar

- A. Adoption of Resolution 2022-03  
Declaring that BPC Meetings Will  
Continue to be Held via Teleconference
- B. Approval of Minutes from December 8,  
2021 Meeting





# Public Comment on Items Not on the Agenda



# GIVE IT UP

Lose your lawn. It's a DROUGHT.

**BAWSCA**  
Bay Area Water Supply & Conservation Agency

 Hetch Hetchy  
Regional Water System  
Services of the San Francisco Public Utilities Commission

[bawasca.org/DROUGHT](http://bawasca.org/DROUGHT)


# Action Calendar



SHORT & STEAMY

Shorten your showers. It's a DROUGHT.

[bawsca.org/DROUGHT](http://bawsca.org/DROUGHT)

 Hetch Hetchy  
Regional Water System  
Services of the San Francisco Public Utilities Commission

**BAWSCA**  
Bay Area Water Supply & Conservation Agency



# FY 2022-23 Bond Surcharges Conform to BAWSCA's Bond Indenture

- BAWSCA calculates surcharges every year
  - To pay debt service payments,
  - Bond administration expenses, and
  - Replenish the Stabilization Fund as necessary
- Sale of 2023A refunding bonds was completed in October 2021
  - To refund the callable portion of 2013A bonds based on a tax-exempt forward delivery
  - Settlement date: January 5, 2023
  - No change in the methodology for calculating the surcharges
- Two actions needed for consideration of FY 2022-23 bond surcharges approval
  1. Proposed bond surcharges starting July 2022 under existing bond indenture
  2. Revised bond surcharges starting March 2023 to reflect the refunding savings



# Action I: To Approve The Proposed FY 2022-23 Bond Surcharges Under Existing Bond Indenture

Agency	Annual Bond Surcharge	Monthly Bond Surcharge	Agency	Annual Bond Surcharge	Monthly Bond Surcharge
Alameda County WD	\$1,962,564	\$163,547	Mid Pen WD	\$461,616	\$38,468
Brisbane Water	\$73,668	\$6,139	Millbrae	\$295,272	\$24,606
Burlingame	\$522,816	\$43,568	Milpitas	\$949,680	\$79,140
Coastside County WD	\$307,044	\$25,587	Mountain View	\$1,455,288	\$121,274
CWS - Bear Gulch	\$2,497,308	\$208,109	North Coast WD	\$500,688	\$41,724
CWS - Mid Peninsula	\$2,369,496	\$197,458	Palo Alto	\$1,726,200	\$143,850
CWS - South SF	\$756,756	\$63,063	Purissima Hills WD	\$382,824	\$31,902
Daly City	\$610,404	\$50,867	Redwood City	\$1,537,836	\$128,153
East Palo Alto WD	\$256,368	\$21,364	San Bruno	\$181,500	\$15,125
Estero Municipal ID	\$779,532	\$64,961	San Jose (North)	\$687,600	\$57,300
Guadalupe Valley	\$20,256	\$1,688	Santa Clara	\$571,392	\$47,616
Hayward	\$2,561,736	\$213,478	Stanford University	\$212,628	\$17,719
Hillsborough	\$538,608	\$44,884	Sunnyvale	\$1,825,332	\$152,111
Menlo Park	\$519,240	\$43,270	Westborough WD	\$130,620	\$10,885
<b>Total</b>				<b>\$24,694,272</b>	<b>\$2,057,856</b>

# Action 2: To Authorize Implementation of Revised FY 2022-23 Bond Surcharges Following The Settlement of 2023A Refunding Bonds

Agency	Monthly Surcharge Jul 2022 - Feb 2023	Monthly Surcharge Mar 2023 - Jun 2023	Adjusted Annual Surcharged	Reductions Resulting from 2023A Settlement	Agency	Monthly Surcharge Jul 2022 - Feb 2023	Monthly Surcharge Mar 2023 - Jun 2023	Adjusted Annual Surcharged	Reductions Resulting from 2023A Settlement
Alameda County WD	\$163,547	\$119,254	\$1,785,392	(\$177,172)	Mid Pen WD	\$38,468	\$26,312	\$412,992	(\$48,624)
Brisbane Water	\$6,139	\$4,179	\$65,828	(\$7,840)	Millbrae	\$24,606	\$15,954	\$260,664	(\$34,608)
Burlingame	\$43,568	\$28,157	\$461,172	(\$61,644)	Milpitas	\$79,140	\$54,141	\$849,684	(\$99,996)
Coastside County WD	\$25,587	\$18,772	\$279,784	(\$27,260)	Mountain View	\$121,274	\$84,440	\$1,307,952	(\$147,336)
CWS - Bear Gulch	\$208,109	\$152,516	\$2,274,936	(\$222,372)	North Coast WD	\$41,724	\$29,595	\$452,172	(\$48,516)
CWS - Mid Peninsula	\$197,458	\$136,762	\$2,126,712	(\$242,784)	Palo Alto	\$143,850	\$98,156	\$1,543,424	(\$182,776)
CWS - South SF	\$63,063	\$41,635	\$671,044	(\$85,712)	Purissima Hills WD	\$31,902	\$23,001	\$347,220	(\$35,604)
Daly City	\$50,867	\$34,058	\$543,168	(\$67,236)	Redwood City	\$128,153	\$88,239	\$1,378,180	(\$159,656)
East Palo Alto WD	\$21,364	\$14,269	\$227,988	(\$28,380)	San Bruno	\$15,125	\$10,659	\$163,636	(\$17,864)
Estero Municipal ID	\$64,961	\$44,899	\$699,284	(\$80,248)	San Jose (North)	\$57,300	\$37,700	\$609,200	(\$78,400)
Guadalupe Valley	\$1,688	\$755	\$16,524	(\$3,732)	Santa Clara	\$47,616	\$32,758	\$511,960	(\$59,432)
Hayward	\$213,478	\$145,701	\$2,290,628	(\$271,108)	Stanford University	\$17,719	\$11,418	\$187,424	(\$25,204)
Hillsborough	\$44,884	\$32,225	\$487,972	(\$50,636)	Sunnyvale	\$152,111	\$106,803	\$1,644,100	(\$181,232)
Menlo Park	\$43,270	\$29,529	\$464,276	(\$54,964)	Westborough WD	\$10,885	\$7,232	\$116,008	(\$14,612)
<b>Total</b>						<b>\$2,057,856</b>	<b>\$1,429,119</b>	<b>\$22,179,324</b>	<b>(\$2,514,948)</b>

# Recommendation

That the Committee recommend the Board approve the following two actions:

1. Approve the proposed FY 2022-23 bond surcharges as presented in Table 1; and
2. Authorize the CEO/General Manager to implement the revised FY 2022-23 bond surcharges as presented in Table 2, immediately following the settlement of the 2023A refunding bonds.



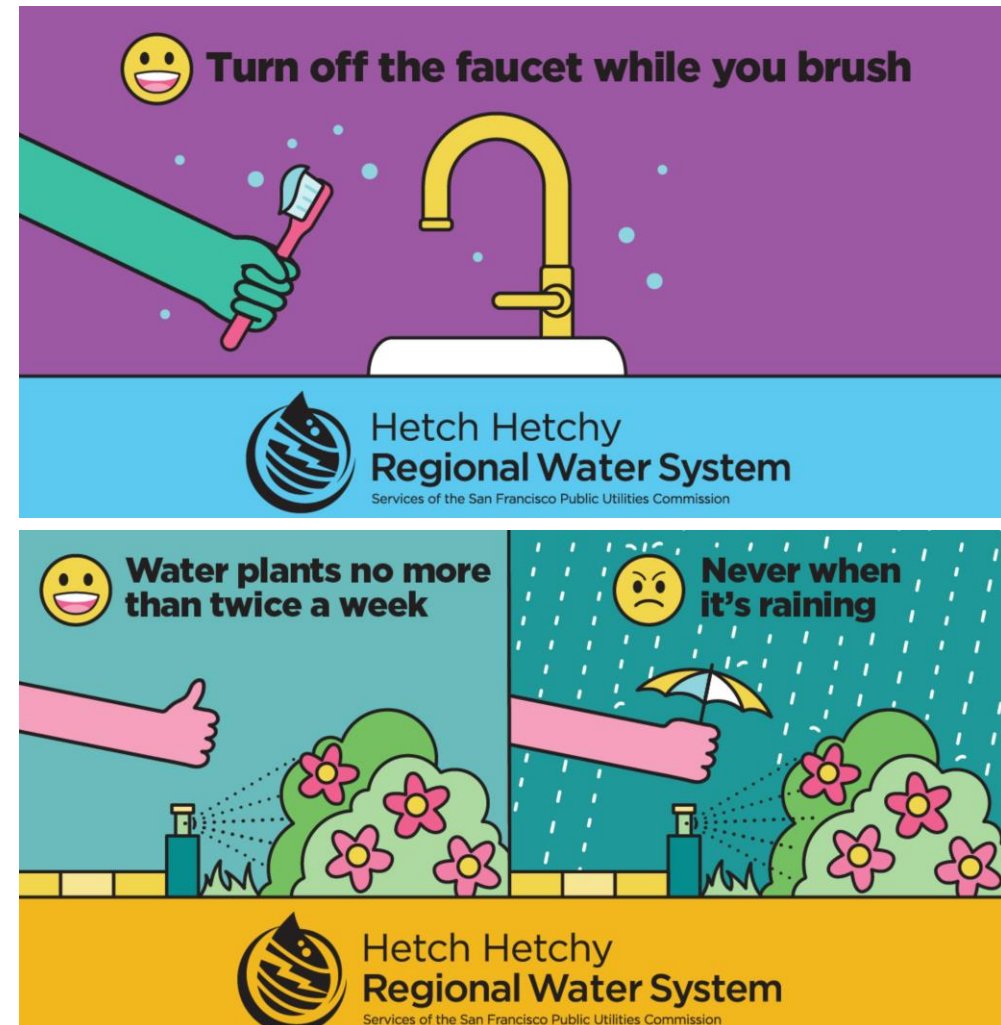
# Proposed Agreement with Outfront Media for Billboard Advertisement

- Billboard advertisements are part of a larger media campaign developed by the SFPUC to address current drought conditions
- The SFPUC, for contractual and procurement reasons, cannot pay for billboard placements outside of San Francisco
- To address the issue, SFPUC proposed that BAWSCA enter into an agreement directly with the billboard advertisement vendor, Outfront Media
- BAWSCA has engaged with Outfront Media directly regarding a proposed contract for electronic advertisements
  - Proposed contract is under review, BAWSCA has requested edits to the proposed contract
  - Proposed contract would be ready for execution pending Board approval in March

# Frequency and Content of Proposed Advertisements

- SFPUC has prepared draft images for use in the digital billboard advertisements
  - BAWSCA will have final review and approval of the digital images
  - Both SFPUC and BAWSCA logos will appear on each digital image
- Each image will appear every 64 seconds, for an 8 second duration, and will cycle through multiple images during a 24-hour period
  - Cycles may be adjusted based on future decisions BAWSCA may make with advanced notice to Outfront Media
- Period of Advertisement = March 21, 2022 – July 15, 2022 (daily, inclusive)
- Billboards Employed = 14 total

## Drafts of Example Billboard Ads



# Fourteen Electronic Billboards Provided Under the Proposed Agreement

Billboard Location Map

#	Unit	Location Description
1	SFO1004-A	US 101 & South Airport Blvd
2	SFO1003-A	E/L US 101 & South Airport Blvd
3	SFO1002-A	US 101 Millbrae Ave.
4	SFO1001-A	US 101 Millbrae Ave.
5	PEN1001-A	US 101 & Brittan Avenue
6	PEN1002-A	US 101 & Brittan Avenue
7	PA1001-A	US 101 EL S/O University (Palo Alto) %
8	PA1002-A	US 101 EL S/O University (Palo Alto) %
9	SC1002-A	US 101 1000 ft & Lafayette St
10	SC1001-A	US 101 1000 ft & Lafayette St
11	M1002-A	E/L I-880 N/O Great Mall Parkway
12	M1001-A	E/L I 880 N/O Great Mall Parkway
13	SMB1001-A	Hwy 92 .50 mi W/O Clawiter Rd
14	SMB1002-A	Hwy 92 .50 mi W/O Clawiter Rd





# Electronic Billboard Advertisement – Cost



- Total Cost of Advertisements = \$71,750
  - Entire cost must be paid as an upfront charge
  - Funds are not currently available in BAWSCA's adopted FY 2021-22 Budget
  - A transfer from the Balancing Account is proposed for funds
  - Had the SFPUC been able to pay for billboard ads through its media contract, BAWSCA agencies would have paid this same cost via wholesale water rates

# Recommendation

That the Committee recommend the Board :

1. Approve the agreement with Outfront Media for billboard advertisements at a total cost of \$71,750; and
2. Authorize a request for a transfer of \$71,750 from the Balancing Account in accordance with BAWSCA's Balancing Account Policy, Res. No. 2020-02.

# Reports & Discussion Items

**Every drop counts. Use water wisely.**



Always run a full  
load of laundry  
and save 15-45  
gallons per load.



[SaveOurWater.com](http://SaveOurWater.com)



# Preliminary FY 2022-23 Work Plan Will Achieve BAWSCA's Goals

- Preliminary Work Plan aligned with BAWSCA's legislated authority and three goals
  - Table 1 presents draft Preliminary Work Plan
  - Table 2 presents activities not included
- Addresses critical issues identified between now and 2050
- Includes additional program activity and staff time to:
  1. Provide drought support to member agencies
  2. Scope an update to BAWSCA's 2009 Long-term Reliable Water Supply Strategy (Strategy)
  3. Continue participation in next steps for the Potable Reuse Exploratory Plan (PREP)
  4. Support member agencies with water use efficiency legislation commercial, industrial, institutional (CII) performance measure requirements
  5. Update BAWSCA's Water Conservation Database (WCDB)
- Includes continuation of two previously approved multi-year projects
  1. Refresh and update BAWSCA 2020 Demand Study
  2. Facilitate development of update of Tier 2 Drought Plan

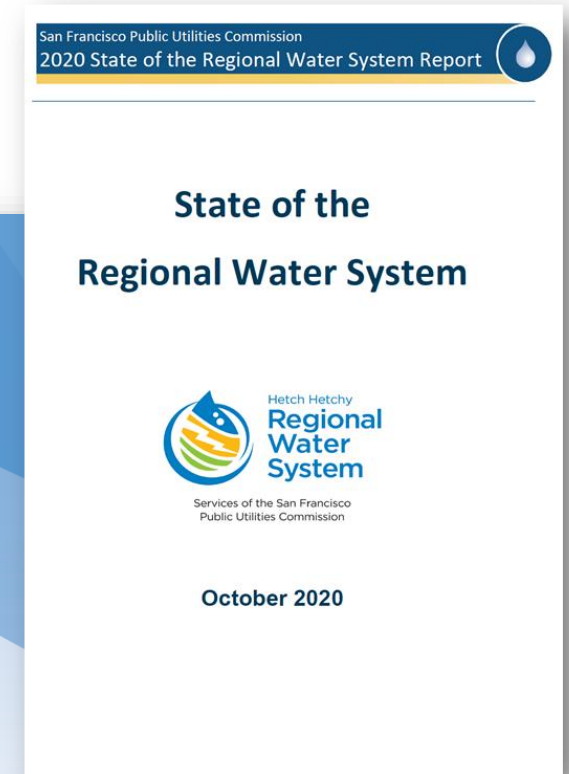
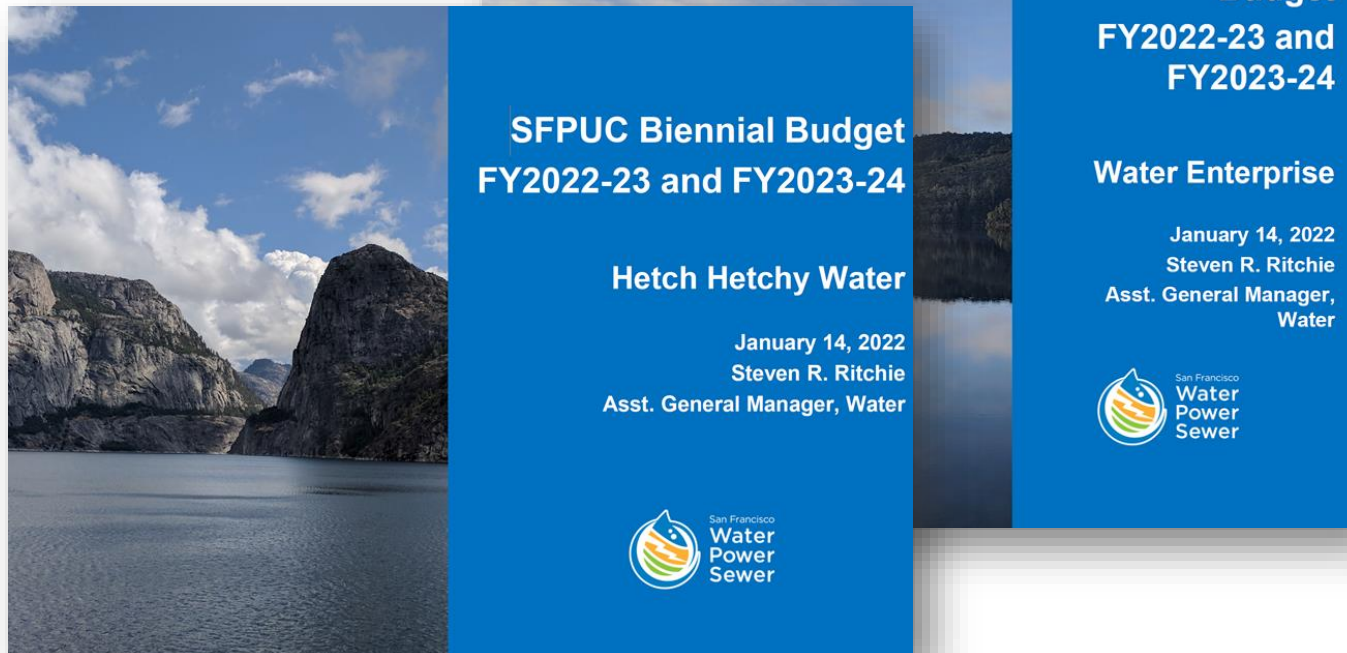
# Preliminary Budget Reflects Board Input Provided During Budget Planning Session

- Table 3 provides a response to the 8 comments provided by Board in January with 3 comments addressed in preliminary FY 2022-23 Work Plan
- Comment #1 SFPUC's OPEB Liability: Proposed task for BAWSCA to perform a limited analysis using available data and report findings to Board as part of regular OPEB/Pension report to Board
- Comment #5 General Reserve Management:
  - In March, Board will have opportunity to provide further guidance to CEO based on preliminary budget.
  - In May, proposed budget will include funding options with an evaluation of various targets for General Reserve balance
- Comment # 4 Focus on Staff Retention/Development: New workplan item added “Maintain a Motivated and Effective Workforce” to highlight importance and capture ongoing efforts including:
  - Cross training to support staff development and succession planning
  - Desk audits and associated promotions as justified
  - Bi-annual salary surveys to maintain overall market parity (doing one in FY 2021/22)
  - Annual budget allowance for salary merit increases - COLA adjustment to top step salaries and budget allowance for merit increases up to 5% or top salary step for position, whichever is less

# Major Tasks in FY 2022-23 Preliminary Work Plan

## – *Reliable Water Supply*

### I. Facility Reliability: Monitor SFPUC WSIP, 10-Year CIP, Asset Management Program and Emergency Response





# Major Tasks in FY 2022-23 Preliminary Work Plan

## – *Reliable Water Supply*

### 2. Long-Term Supply Solutions: Implement Strategy

- a. Complete Update and Refresh of BAWSCA 2020 Demand Study
- b. *Complete staff-led scoping activity for an update to BAWSCA's Strategy\**
- c. Participate in development of BARR Phase 2 (Water Marketing Strategy) with other water agencies, including completion of SWAP final report
- d. *Continue participation in PREP pending results of Phase 3, due Spring 2022, including preparation of a Basis of Design Report (BODR)\**
- e. Promote continued use of San Mateo Plain Groundwater Basin for long-term water supply reliability
- f. Facilitate development of other local water supply options
- g. Use BAWSCA Reliability Model to support water resources planning efforts
- h. Facilitate use of the BAWSCA Reliability Model by members via Subscription Program
- i. Host quarterly meetings of BAWSCA's Regional Water Supply Reliability Roundtable

# Complete Scoping for an Update to BAWSCA's 2009 Strategy

- BAWSCA Strategy initiated in 2009 and completed in 2015
  - Comprehensive regional assessment of member agencies' water supply reliability needs
  - Evaluation of potential water management actions that could be implemented
  - Identification of recommended actions to increase regional reliability
- Strategy recommendations implemented through annual Work Plan
  - BAWSCA Pilot Water Transfer, Los Vaqueros Enlargement, PREP and BARR, BAWSCA reliability model, support for member agencies local projects, and increased efforts for water conservation
- Changes in member agency projections, SFPUC actions and Regional Water System reliability, and State efficiency requirements indicate an update is timely
- Originally included in FY 2021-22 Work Plan with \$50k budget allocation but deferred to FY 2022-23 given ongoing drought conditions
- Staff-led effort proposed for FY 2022-23
- Estimated FY 2022-23 cost: \$5k

# Continue Participation in Next Steps for PREP Project

- PREP is a purified water project that could provide 6-12 mgd of water supply through reservoir water augmentation at Crystal Springs Reservoir
- A multi-party project with Phase 3 scheduled for completion in Spring 2022
  - Will include recommendations for moving forward
- BAWSCA's active and independent participation in PREP has benefitted the project development
- BAWSCA's continued participation will enable BAWSCA to directly affect project's development to benefit member agencies
- Project partners estimate for next level of planning work cost of \$1M, with BAWSCA's potential share being 5%
  - Preparation of a Basis of Design Report (BODR) that will bring project to 10% design
  - BODR is used to support state and federal grant applications
- Estimated FY 2022-23 cost: \$50k



# Major Tasks in FY 2022-23 Preliminary Work Plan

## – Reliable Water Supply

3. Near-Term Supply Solutions: Water Conservation and Drought Response
  - a. Provide staff-only drought support to member agencies and their customers
  - b. Represent member agency interests in discussions related to “Making Water Conservation a Way of Life” requirements, including *developing an approach for member agencies to meet the new CII performance measure requirements and possible subscription program for additional assistance\**
  - c. Provide coordination to support AMI implementation and data management
  - d. Implement existing core conservation programs that benefit all customers\*
  - e. Implement existing subscription water conservation programs\*
  - f. Continue development of a leak repair and training certification program for implementation in FY 2023-24
  - g. *Pursue partnership opportunities with San Mateo County C/CAG related to a potential greywater pilot program*
  - h. *Perform a review of greywater efforts within the BAWSCA region and document findings in a report*
  - i. Represent agencies in regional and State-level discussions relative to water conservation

# Support Member Agencies with Water Use Efficient Legislation CII Performance Measure Requirements

- In 2018, State adopted expansive water use efficiency legislation to support California's "Making Water Conservation a Way of Life"
- To date, BAWSCA has assisted its member agencies in tracking overall effort and providing support to comply with residential efficiency requirements
- Legislation also requires State to develop new long-term standards for water use efficiency and performance measures for commercial, industrial, and institutional (CII) use
- DWR recently released preliminary recommendations for CII efficiency and performance measures
- Compliance will require significant new work for most member agencies
- For FY 2022-23, BAWSCA proposes to develop an approach to meet the new requirements as well as a subscription program that offers additional consultant support
- Estimated FY 2022-23 cost: \$80K

# Twelve Existing and Planned Core Conservation Programs for FY 2022-23

Water Efficient Landscape Education Classes <i>Virtual!</i>	Water-Wise Gardening in the Bay Area Tool	Native Garden Tours and Symposiums	Qualified Water Efficient Landscaper (QWEL) Program
“Making Conservation a Way of Life” Strategic Plan	Participation in Technology Research Pilot Projects and Studies	Water Loss Evaluation and Knowledge (LEAK) Workgroup	Advanced Metering Infrastructure (AMI) Support
Water Conservation Database (WCDB) <i>Revamp FY 22-23</i>	Public Outreach	Leak Repair Training Program <i>In Development FY 22-23!</i>	Residential Self-Audit Program



# Fourteen Existing and Planned Subscription Conservation Programs for FY 2022-23

Lawn Be Gone! Turf Replacement Rebates	EarthCapades School Assemblies <i>Virtual &amp; In- Person!</i>	Large Landscape Audits	Water Loss Management Program
Rain Barrel Rebates	Water-Wise School Education Kits & Curriculum	WaterSmart Customer Engagement	Customer Meter Accuracy Testing
Smart Controller Rebates	WaterSense Fixtures Bulk Orders	Lawn Be Gone! Inspection Services	DSS Model Support Services
	Water Use Efficiency Legislation Support <i>In Development FY 22-23!</i>	Irrigation Hardware Upgrade Rebates	

# Major Tasks in FY 2022-23 Preliminary Work Plan

## – *Reliable Water Supply*

4. Protect Water Supply Interests in Administering 2009
  - a. Monitor SFPUC's development of new supplies through the Alternative Water Supply Planning Program
  - b. Protect members' water supply interests to ensure SFPUC meets its legal and contractual obligations for water supply reliability
  - c. Adopt temporary extension of Tier 2 drought allocation plan if necessary
  - d. Facilitate negotiations of an updated Tier 2 drought allocation plan
  - e. Protect members' water supply and financial interests in the SFPUC's required 2028 decisions
5. Protect Members' Interest in Reliable Water Supply
  - a. SWRCB Bay Delta Water Quality Control Plan
  - b. La Grange and Don Pedro FERC Relicensing

# Major Tasks in FY 2022-23 Preliminary Work Plan

## – *Reliable Water Supply*

### 6. Pursue Grant Opportunities

- a. Pursue and use grant funds, including Prop I Integrated Regional Water Management conservation grant
- b. Pursue grant funding with regional partners
- c. Investigate potential grant funds to support Strategy implementation

### 7. Reporting and Tracking of Water Supply and Conservation Activities

- a. Annual Survey
- b. Annual Water Conservation Report
- c. *Scope, develop, and implement an update of the Water Conservation Database by June 30, 2023\**



# Update BAWSCA's Water Conservation Database

- BAWSCA's Water Conservation Database (WCDB) is used to collect and store all member agency water use and conservation program information
  - Conservation activity reporting
  - Annual Survey reporting
  - Demand projections modeling and support
- WCDB initially developed in 2010 and last updated in FY 2016-17
  - Development cost = \$261K
  - Cost of last update = \$39K
- WCDB is critical to BAWSCA's work on behalf of the member agencies
- Estimated FY 2022-23 cost: \$120K

# Major Tasks in FY 2022-23 Preliminary Work Plan

## – *High Water Quality*

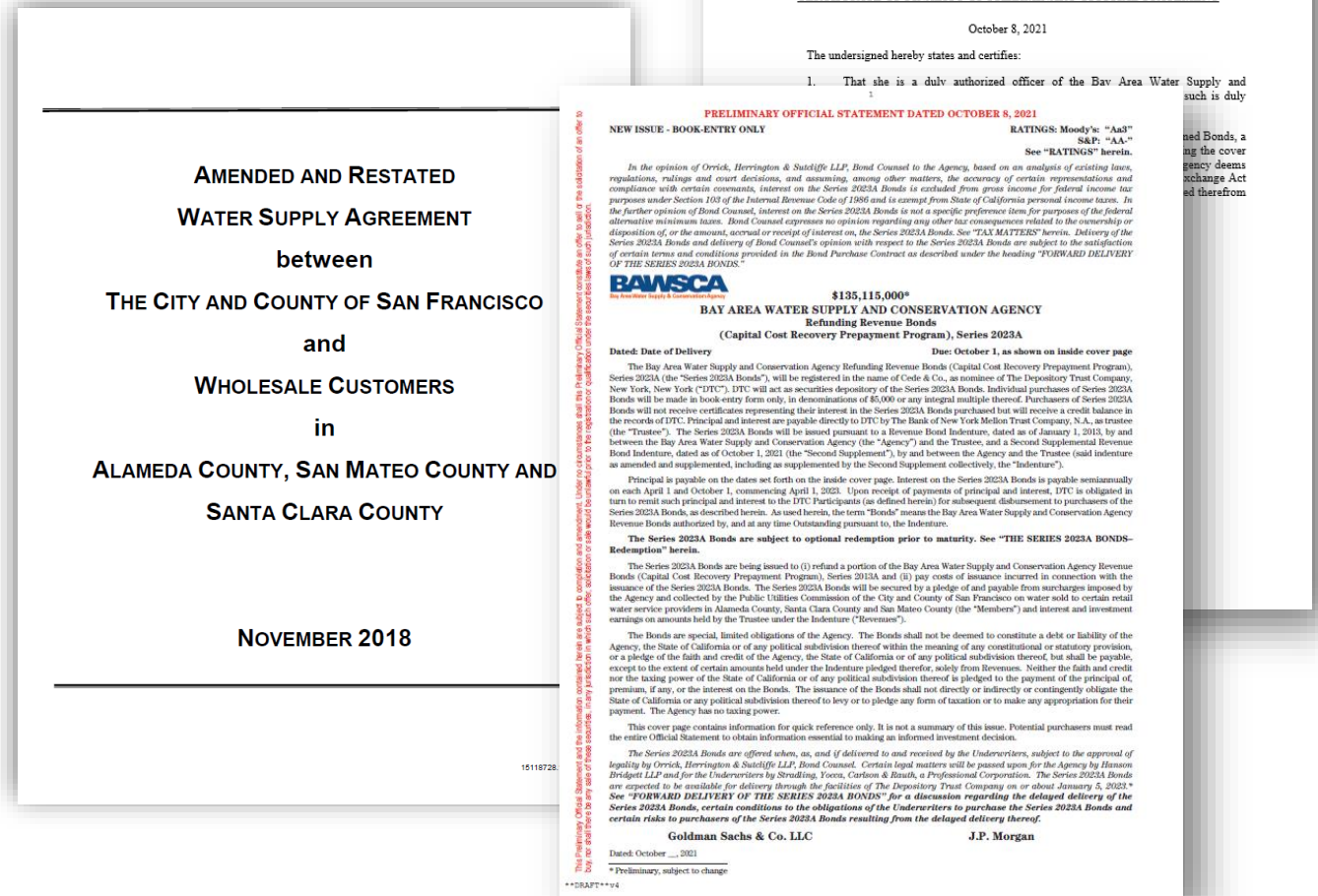
8. Support Member Agencies in Receiving Reliable Communication on Water Quality Issues
  - a. Coordinate members participation in Joint Water Quality Committee to ensure it addresses Wholesale Customer needs
  - b. Relay important information to member agencies
  - c. Review and act on, if necessary, State legislation affecting water quality regulations

# Major Tasks in FY 2022-23 Preliminary Work Plan

## – Fair Price

### 9. Perform Matters Delegated to BAWSCA in 2009 WSA

- Administer WSA to protect financial interests of member agencies
- Administer bonds issued by BAWSCA to retire capital debt owed to SF, including completing the settlement of 2023A refunding bonds in January 2023



# Major Tasks in FY 2022-23 Preliminary Work Plan

## – *Agency Effectiveness*

### 10. Maintain Community Allies and Contacts with Environmental Interests

- a. Maintain close relationships with BAWSCA's local legislators and allies, and activate them if necessary, to safeguard the health, safety, and economic well-being of residents and communities
- b. Maintain a dialogue with responsible environmental and other groups, who will participate in the permitting and approval process for efforts to maintain system reliability
- c. Maintain effective communications with members, customers, and others to achieve results and support goals
- d. In conjunction with San Francisco, conduct or co-sponsor tours of the water system for selected participants

### 11. Manage the Activities of the Agency Professionally and Efficiently

- a. Implement BAWSCA's Student Internship Program
- b. Implement Board policy directives for management of BAWSCA's unfunded OPEB and pension liability obligations
- c. *Maintain a motivated and effective workforce*



# Preliminary FY 2022-23 Includes Continuation of Two Previously Approved Multi-Year Projects

## 1. Refresh and Update BAWSCA 2020 Demand Study

- Included in adopted FY 2021-22 work plan and budget
- Approved by Board at its September 16, 2021 meeting for a total 2-year cost of \$350K
- Scheduled completion December 2023
- Use of Balancing Account approved as a funding source for complete project
- Estimated FY 2022-23 cost: \$75K

## 2. Facilitate Development of Updated Tier 2 Drought Plan

- Included in adopted FY 2021-22 work plan and budget
- Year 1 cost of \$98K approved by Board at its January 20, 2022 meeting
- As planned and discussed with Board, additional consultant support is proposed for FY 2022-23 as part of work plan and budget process
- Estimated FY 2022-23 cost: \$72K

# FY 2022-23: Initial Budget Considerations

- Operating budget continues to reflect Strategy implementation and updates
  - Demand study refresh and scoping for Strategy Update
  - Implementation of new conservation measures
  - Independent participation in BARR and PREP
- Regional Water System reliability remains critical work plan task
  - VSIP, CIP, and Asset Management oversight
  - Ensuring SF meets its legal and contractual water supply obligations
- Staff resources dedicated to supporting member agencies and their customers during ongoing drought
- Sustained level of effort for Phase I Bay Delta Plan and FERC
- CEO to examine forecast for end of year spending
  - Understand impact on year-end General Reserve balance
  - Identify options for bringing General Reserve back within budgetary guidelines

# Considerations for Funding the Operating Budget will be Presented to the Board in March

- BAWSCA's primary source of funding is its assessments on member agencies as provided for in its enabling legislation (AB 2058)
- BAWSCA has relied heavily on the use of General Reserve and Balancing Account funds to fund its operating budget and moderate the need for assessment increases in recent years
  - General Reserve has been used to fund a portion of the budget since FY 2007-08 (except FY 2015-16)
  - Balancing Account has been used to fund certain special projects
  - Current assessments of \$3,871,118 fund 81% of the adopted FY 2021-22 budget
- Considerations for funding the operating budget will be presented to the Board in March
- Anticipate that funding the FY 2022-21 budget will require an assessment increase given
  - Current General Reserve levels and
  - SFPUC's planned drawdown of Balancing Account to offset wholesale rate increase over next two years

# Next Steps

- Feedback from today will be incorporated into the Preliminary Work Plan & Operating Budget
- March Board Mtg: Memo and presentation to Board
- April BPC Mtg: Final Work Plan and Operating Budget presented for further discussion
- May Board Mtg: Recommended Action



# CEO Reports

**Every drop counts. Use water wisely.**



1 lawn watering =  
71 loads

Make the change to California  
native plants and use less water.



SaveOurWater.com

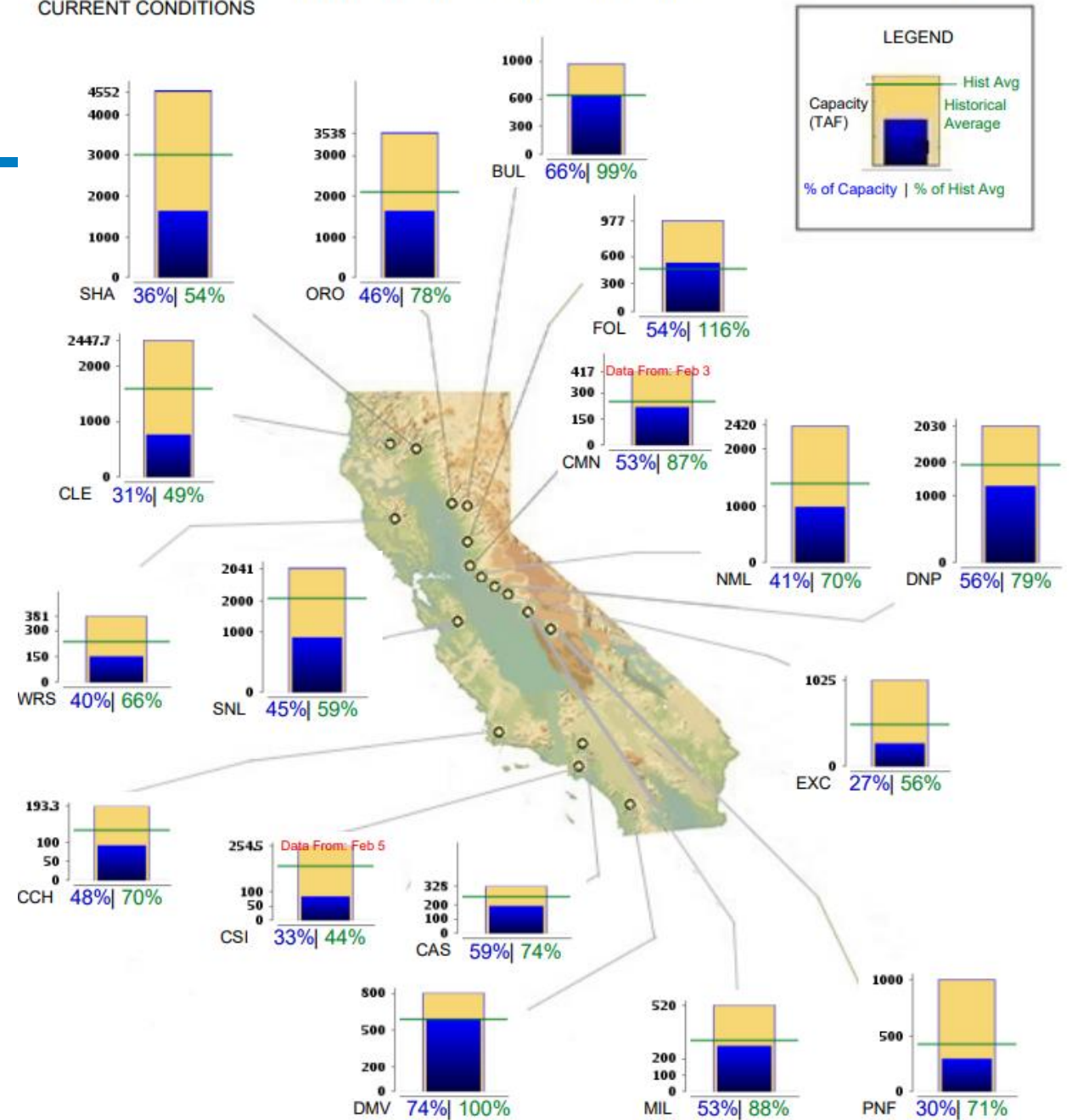
# February 7, 2022 Reservoir Storage

Reservoir	Current Storage <sup>1,2,3</sup> (AF)	Maximum Storage <sup>4</sup> (AF)	Available Capacity (AF)	Percent of Maximum Storage	Normal Percent of Maximum Storage <sup>5</sup>
<u>Tuolumne System</u>					
Hetch Hetchy	297,700	360,360	62,660	82.6%	<b>68.0%</b>
Cherry	236,300	268,800	32,500	87.9%	-
Eleanor	20,790	21,495	705	96.7%	-
Water Bank	350,363	570,000	219,637	61.5%	<b>98.6%</b>
<b>Total Tuolumne Storage</b>	<b>905,153</b>	<b>1,220,655</b>	<b>315,502</b>	<b>74.2%</b>	-
<u>Local System</u>					
Calaveras	66,941	96,670	29,729	69.2%	-
San Antonio	44,629	53,266	8,637	83.8%	-
Crystal Springs	49,798	58,309	8,511	85.4%	-
San Andreas	16,339	19,027	2,688	85.9%	-
Pilarcitos	2,800	3,030	230	92.4%	-
<b>Total Local Storage</b>	<b>180,507</b>	<b>230,302</b>	<b>49,795</b>	<b>78.4%</b>	-
<b>Total System Storage</b>	<b>1,085,660</b>	<b>1,450,957</b>	<b>365,297</b>	<b>74.8%</b>	<b>81.3%</b>
<b>Total without water bank</b>	<b>735,297</b>	<b>880,957</b>	<b>145,660</b>	<b>83.5%</b>	-

## Other California Reservoirs

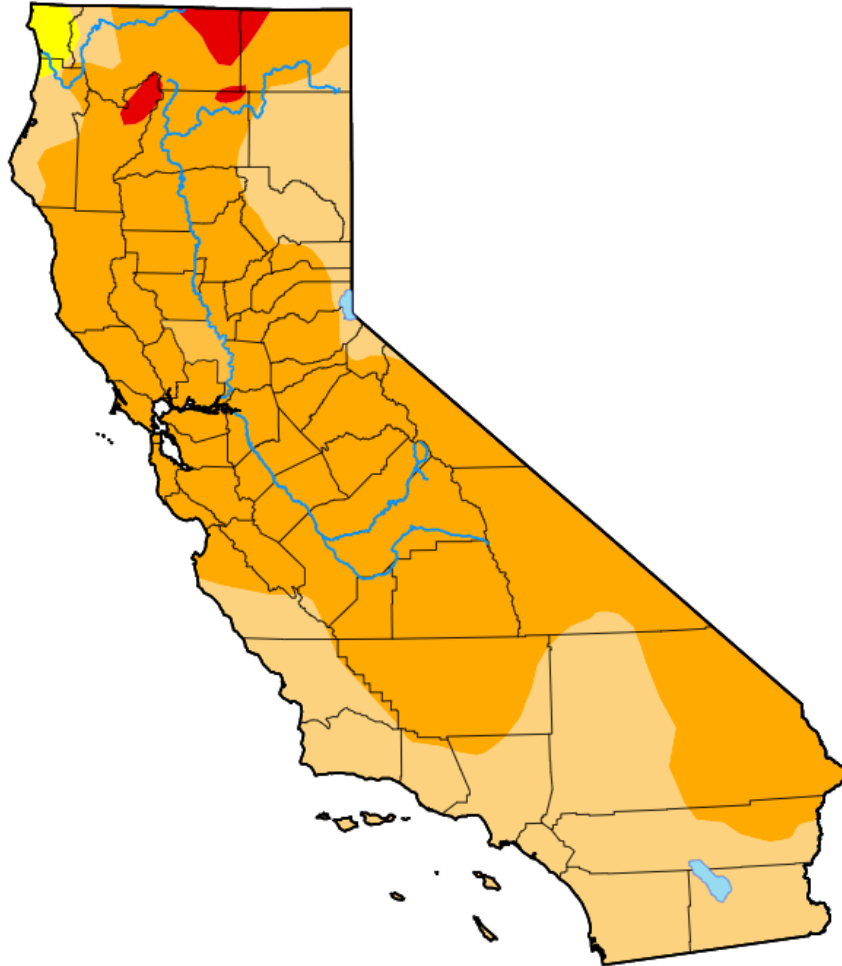
### CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - February 6, 2022





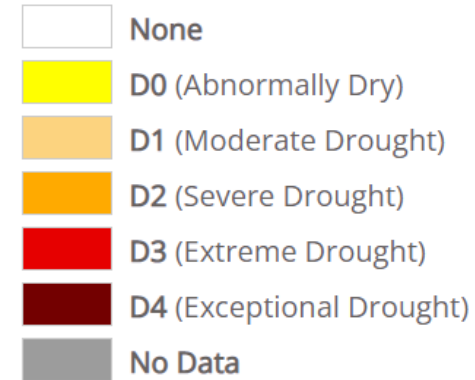
# California Drought Monitor



Map released: Thurs. February 3, 2022

Data valid: February 1, 2022 at 7 a.m. EST

## Intensity



## Authors

United States and Puerto Rico Author(s):

**Curtis Riganti**, National Drought Mitigation Center

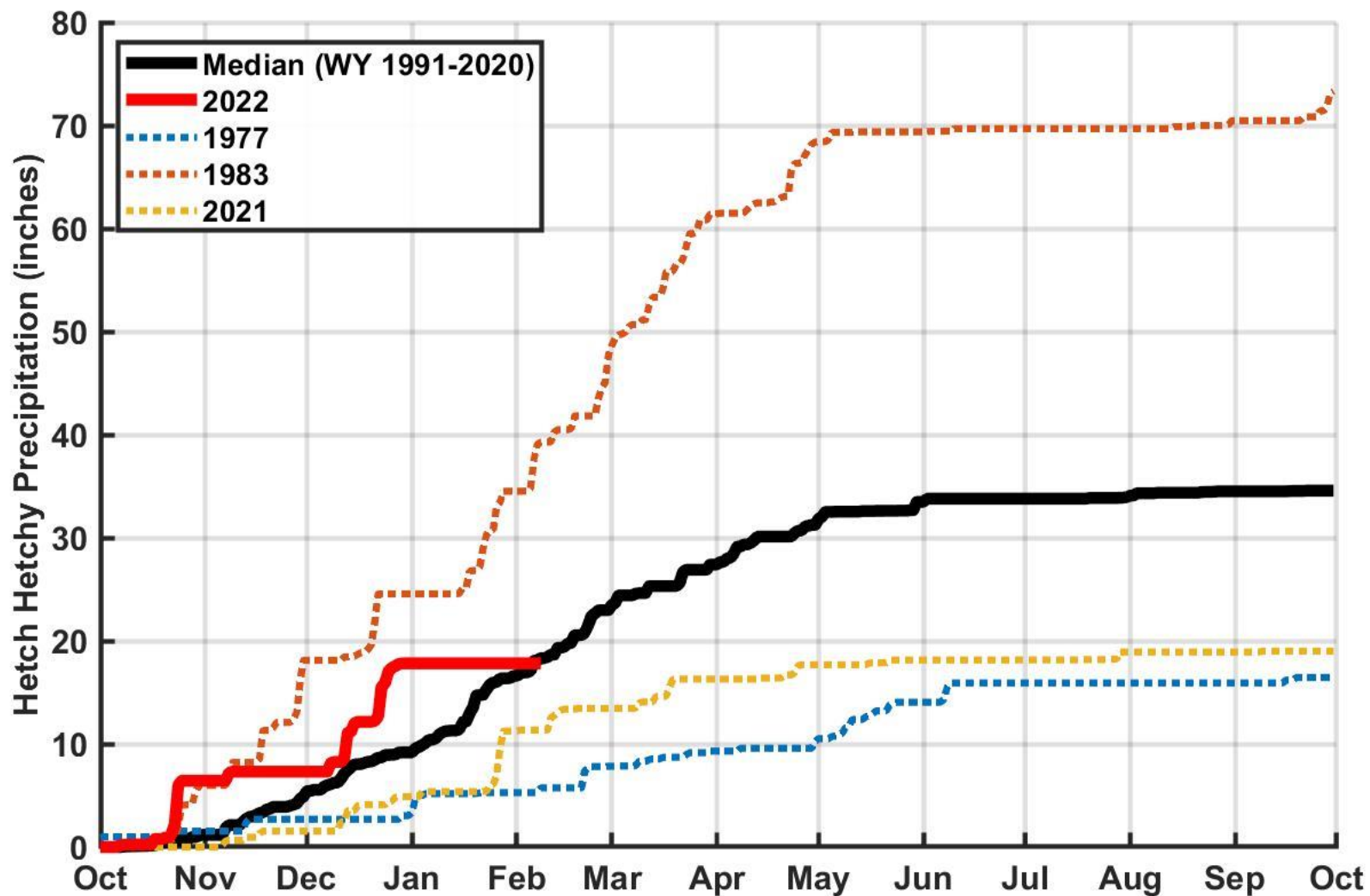
Pacific Islands and Virgin Islands Author(s):

**Richard Tinker**, NOAA/NWS/NCEP/CPC

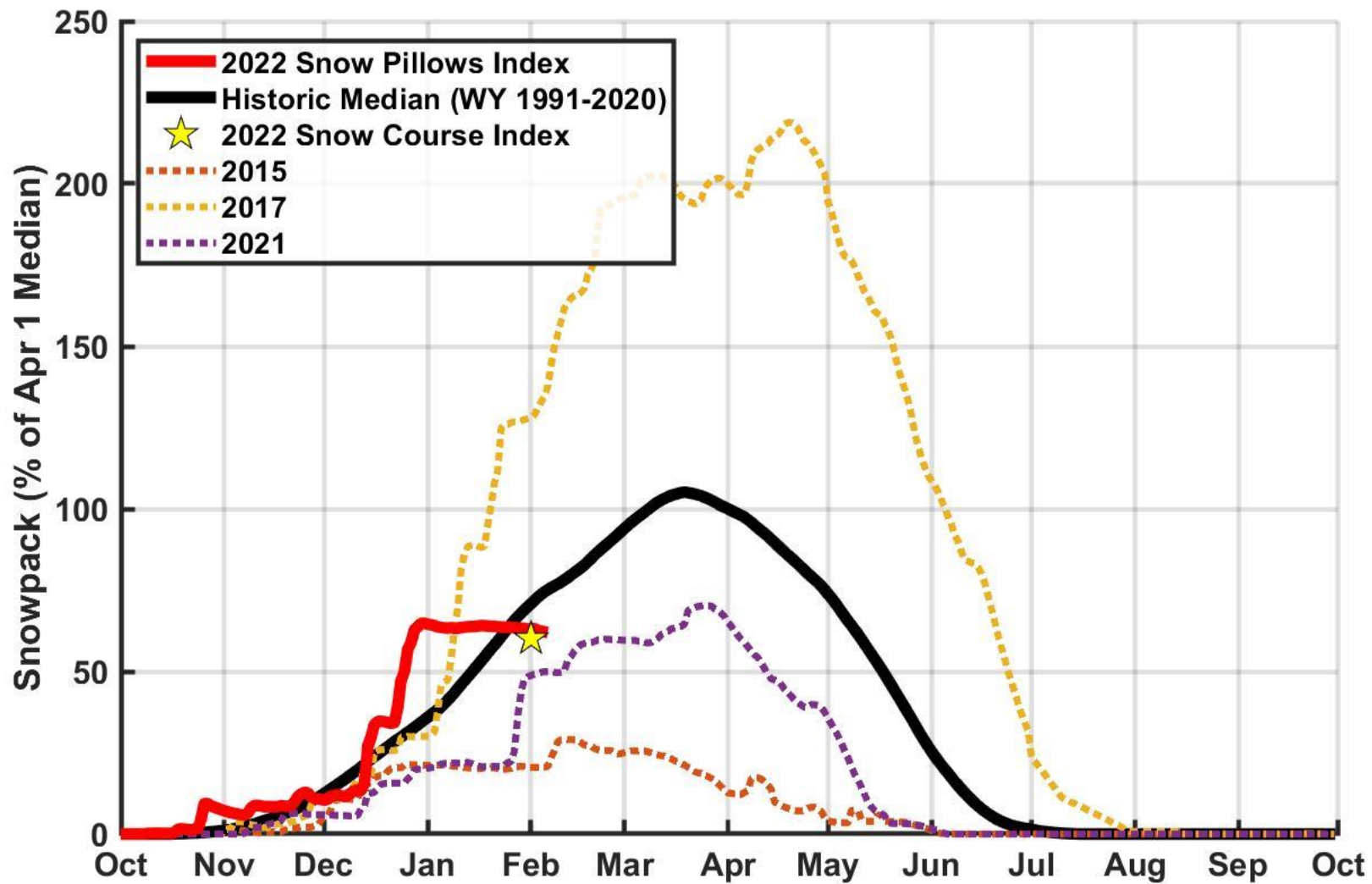
*The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. See accompanying **text  
summary** for forecast statements.*



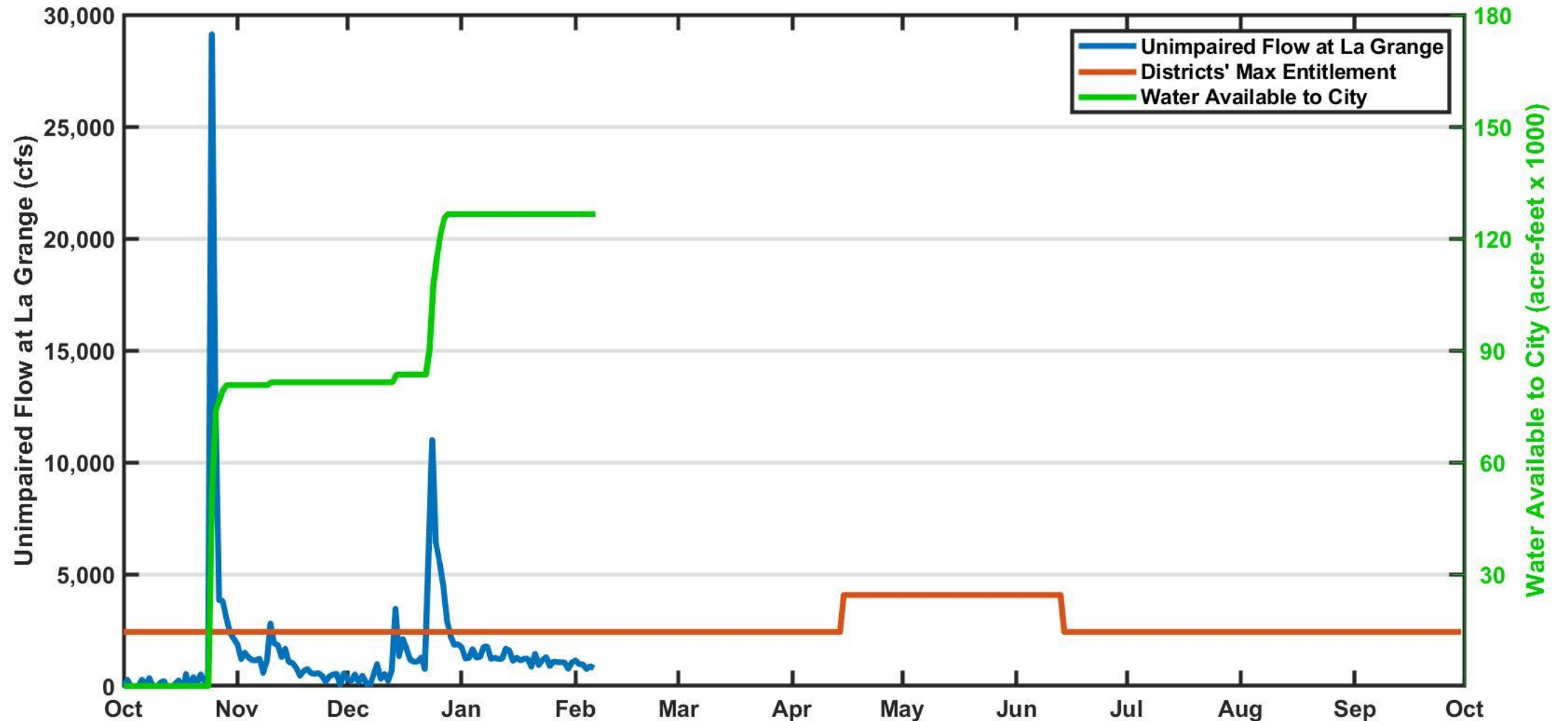
# Hetch Hetchy Precipitation



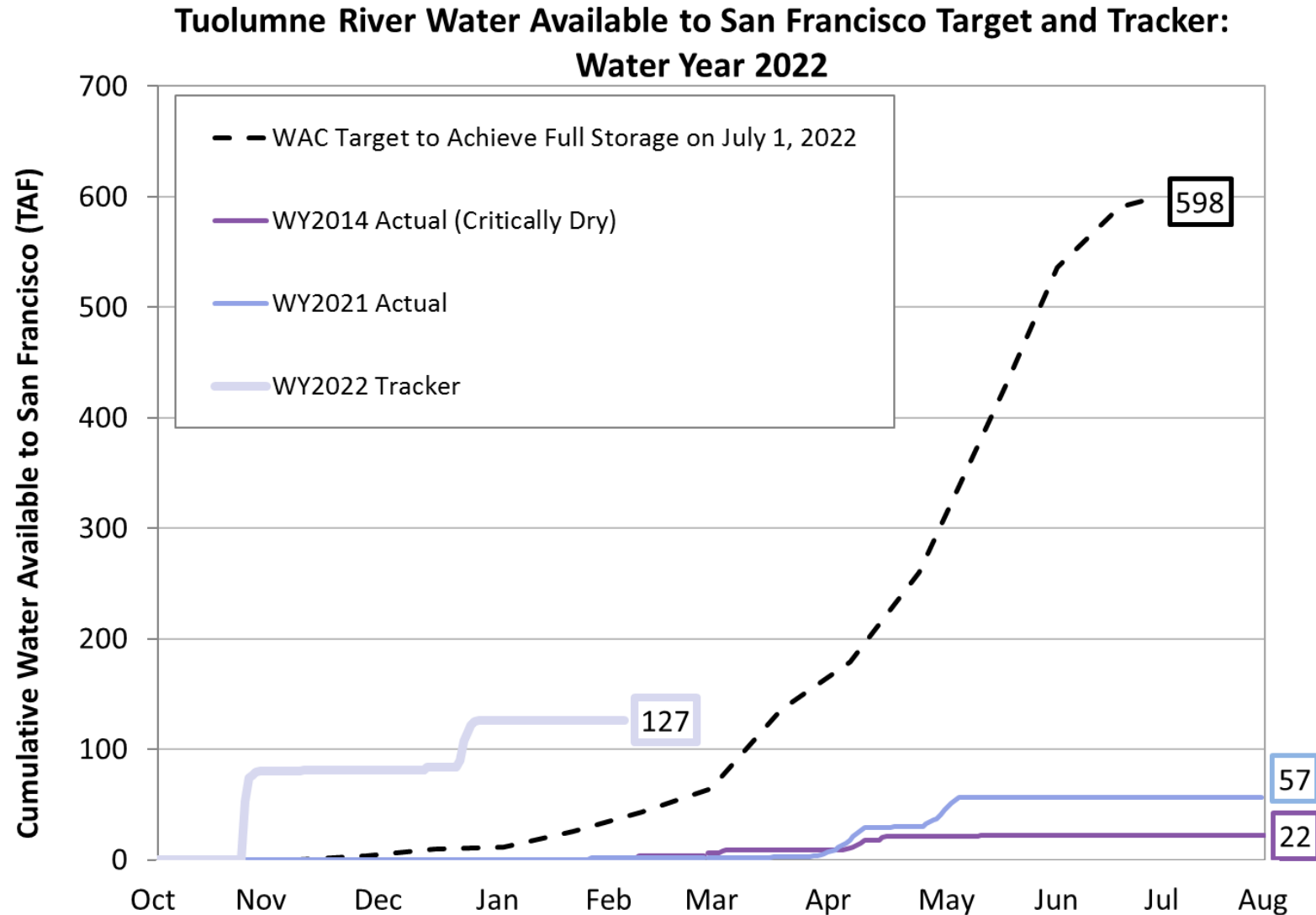
# Upcountry Snowpack



# Water Available to the City

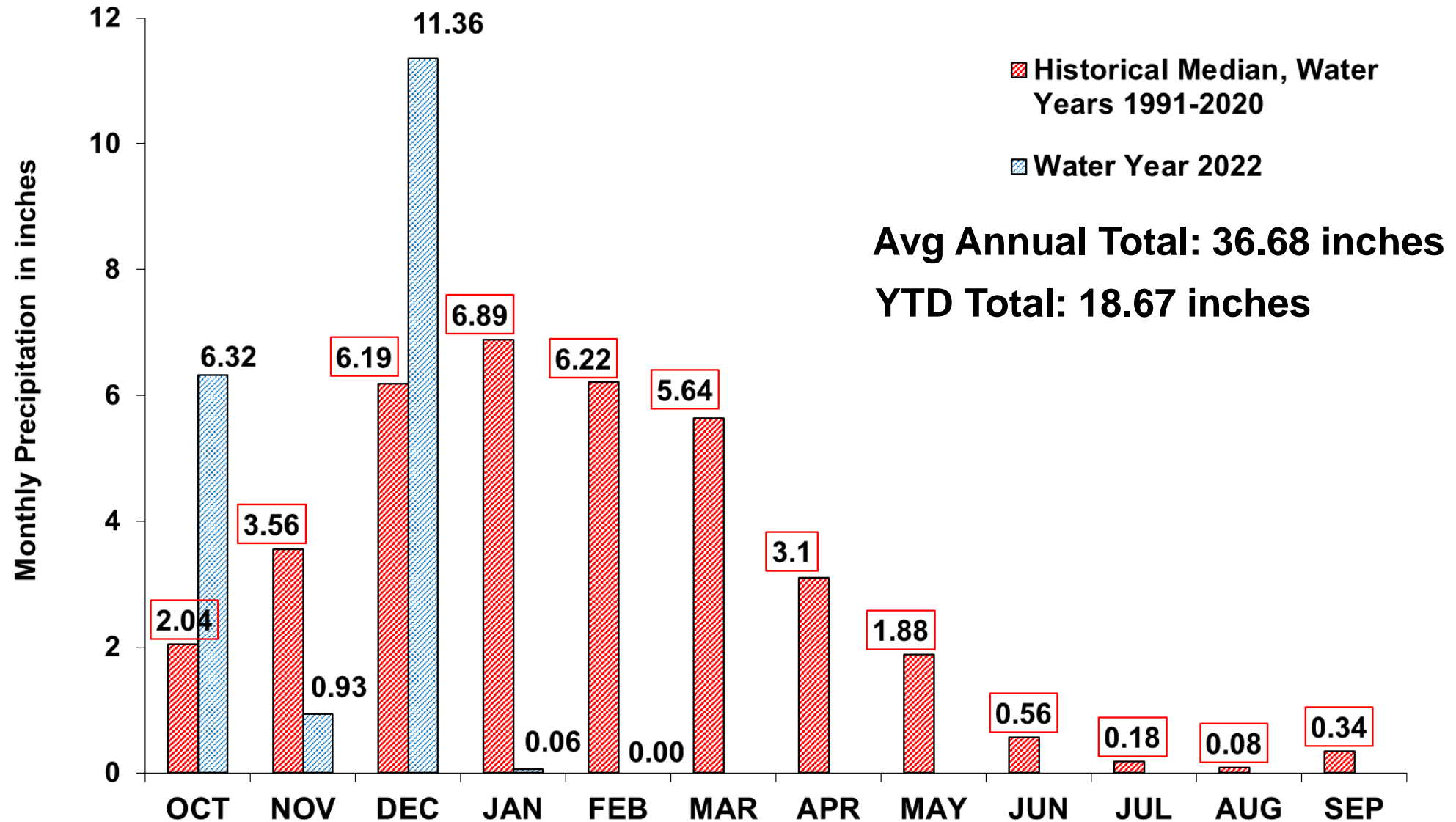


# Tuolumne River Water Available to the City

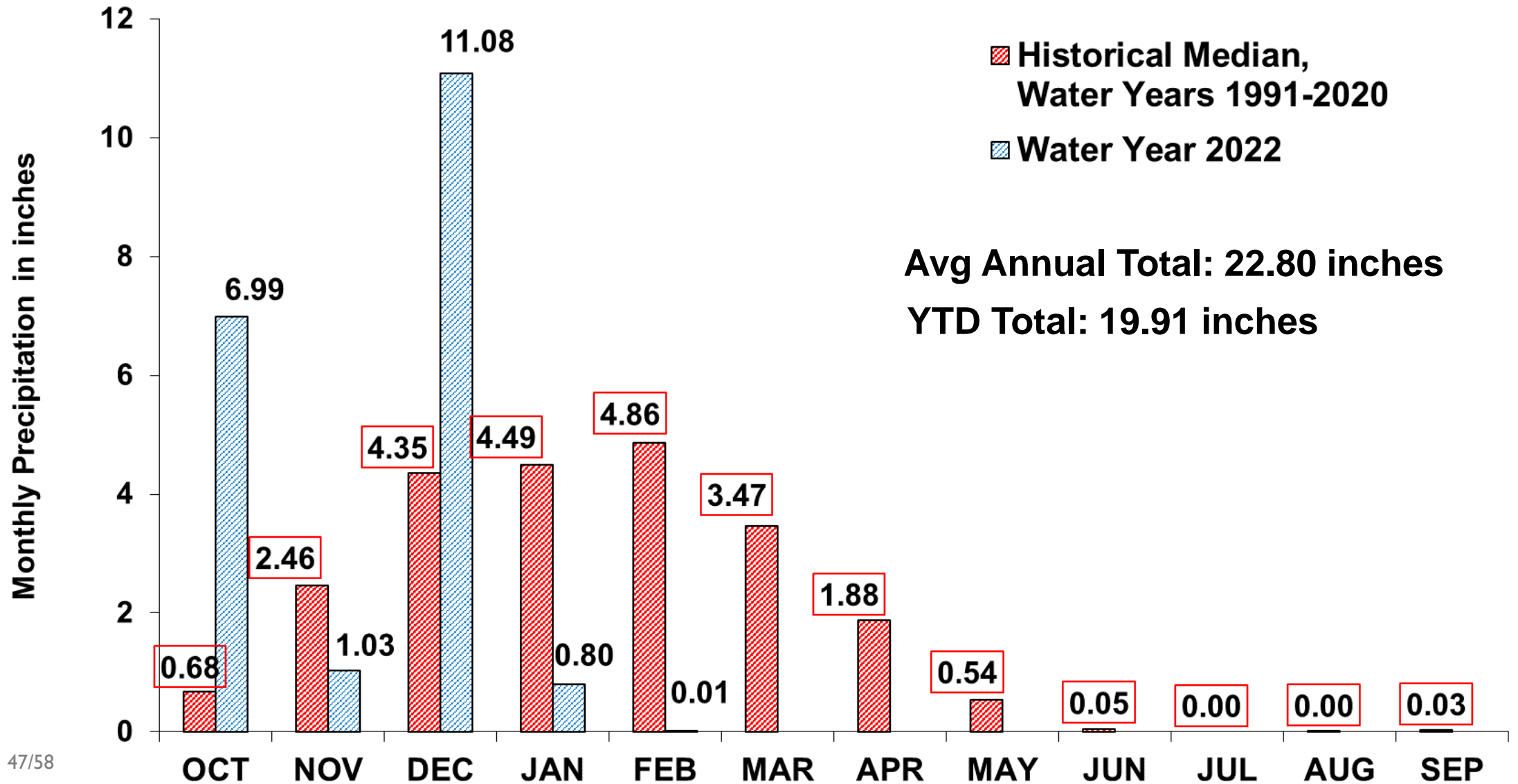




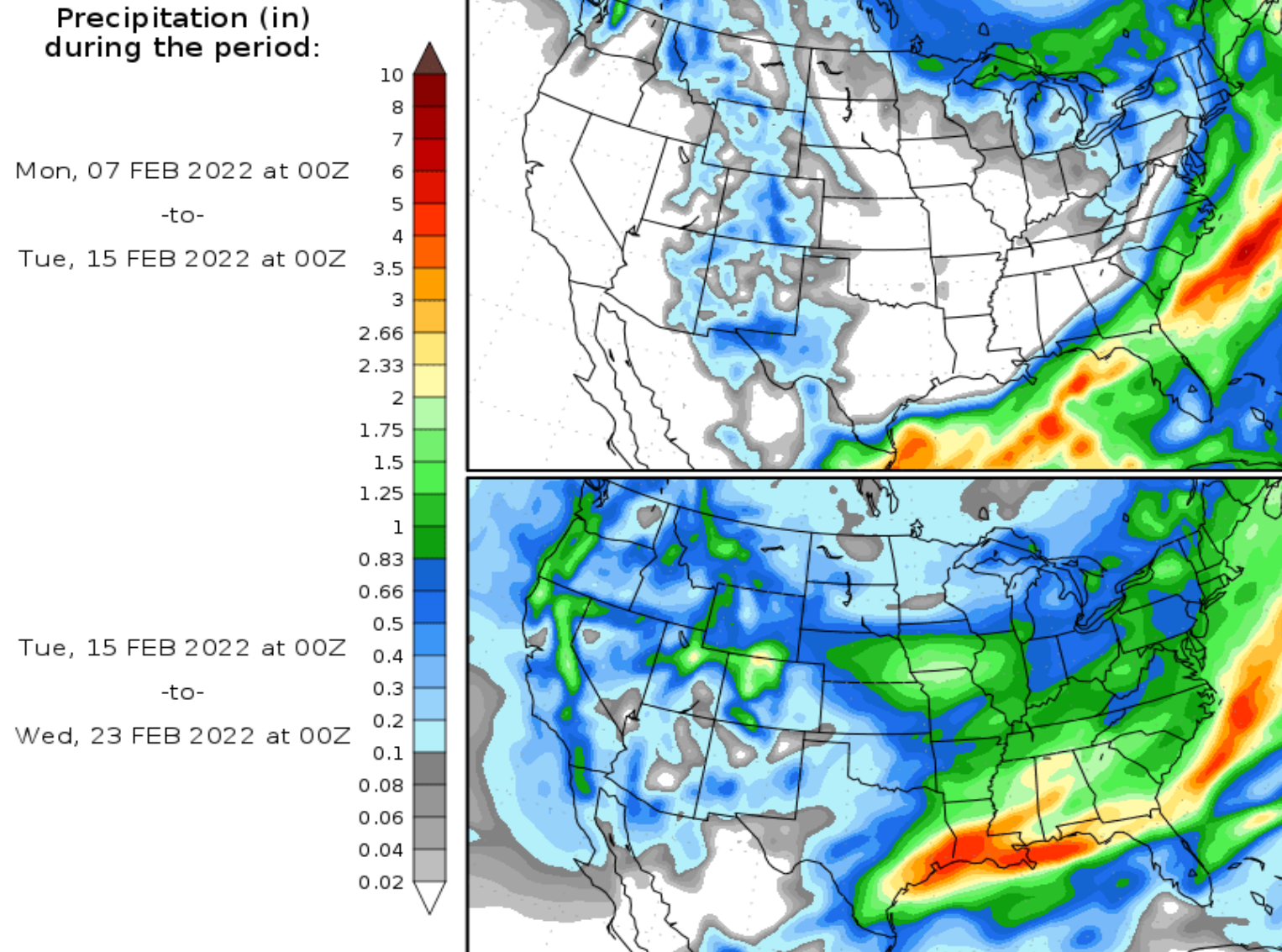
# Upcountry 6-station Precipitation Index as of February 6, 2022



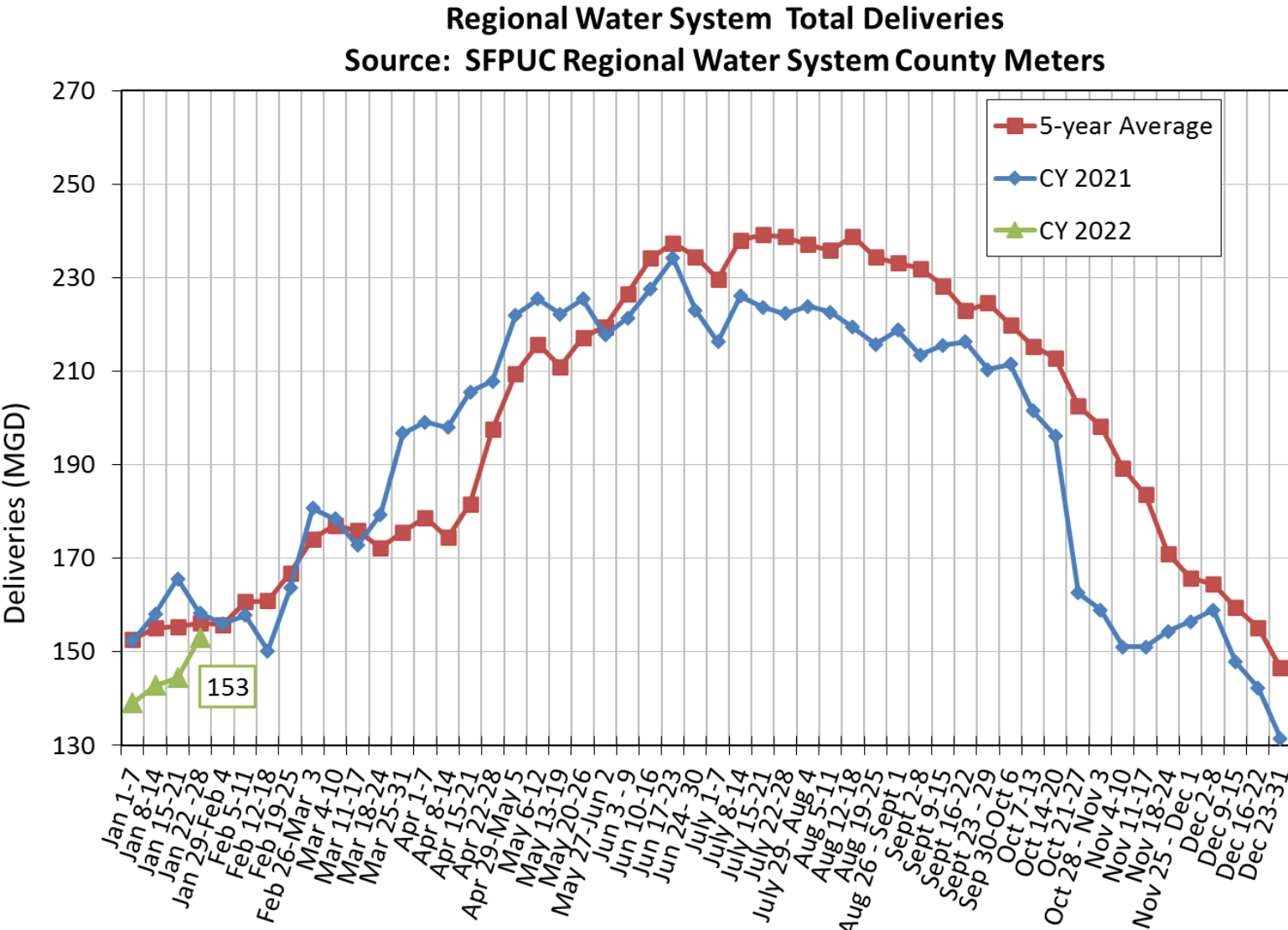
# Bay Area 7-station Precipitation Index as of February 6, 2022



# National Precipitation Forecast



# Total Deliveries



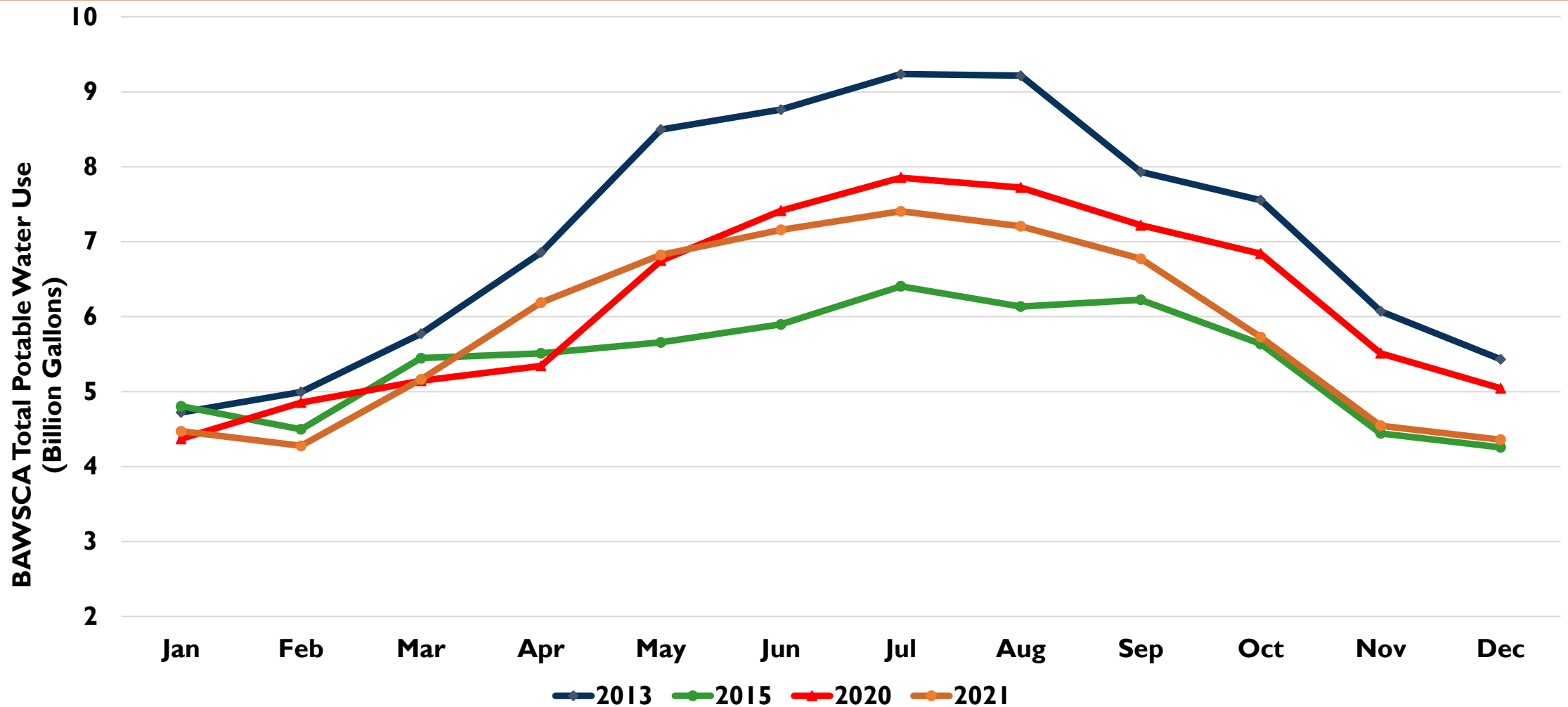
# Water Use Reduction Tracker

For the Period July 1, 2021 - January 28, 2022			
CUSTOMER GROUPS	FY2019/2020 AVG. MGD	FY2021/2022 AVG. MGD	% REDUCTION
San Francisco Customers	64.2	54.7	14.9%
Wholesale Customers	138.4	129.8	6.2%
TOTAL	202.6	184.5	9.0%

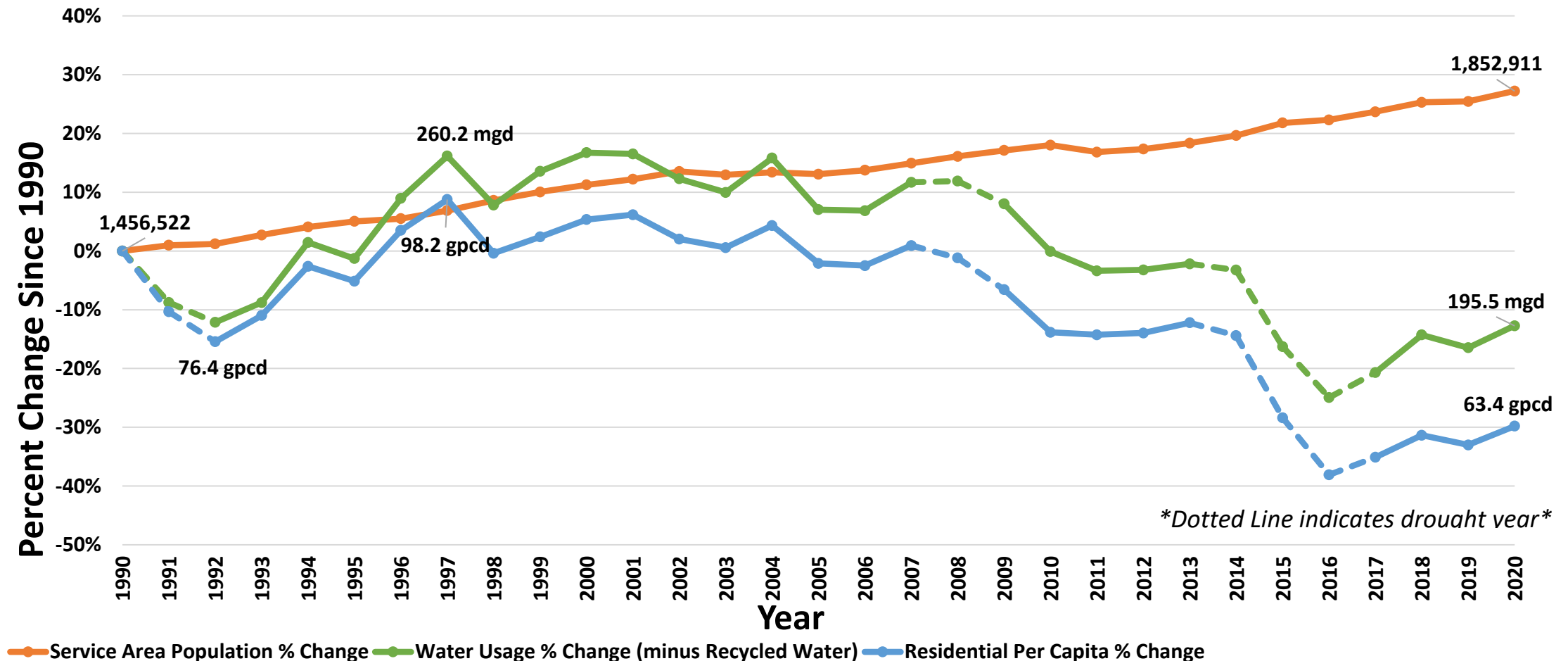


# BAWSCA December 2021 Total Potable Water Use

## 20% Less Than December 2013 and 13.6% Less Than December 2020



# Percent Change in BAWSCA Service Area Population and Water Demand (1990-Present)



# Recent BAWSCA Statement to Commission Calls for Strategic and Results-driven Leadership from SFPUC

- BAWSCA CEO delivered statement to Commission on January 25 in response to SFPUC's January 14, 2022 letter to Secretaries Blumenfeld and Crowfoot
  - BAWSCA is assured and pleased that the Commission and SFPUC GM are directly and fully involved to ensure greater Tuolumne River fish and environment protection and assurance of water supply needed by BAWSCA agencies
  - SFPUC leadership should participate promptly in VA negotiations
  - BAWSCA will continue to provide its leadership with strong support group
  - Strong local support group has been organized and stepping up to ensure reliable water supply
  - "Success now requires action and responsibility at the highest levels of the Commission, the State, and other suppliers who have water rights on the Tuolumne River."
  - "...opportunity to produce results with high-level leadership by the Commission and the GM now is encouraging"

# SFPUC's Long-Term Vulnerability Assessment (LTVA) Provides Critical Information to Support Long-Term Planning

- SFPUC Commission recently received a letter from the NGO's regarding the LTVA published by the Water Research Foundation and the SFPUC
- LTVA provides a science based, robust framework and set of analytical tools that should be used by the SFPUC as part of its long-term planning for the Regional Water System
- Any changes to the SFPUC's planning assumptions, including key parameters like the design drought, must be based on the best available scientific and analytic data including the SFPUC LTVA, not extrapolations and casual calculations
- BAWSCA is excited that the LTVA has been published and looks forward to further work with the Commission and its staff in using these tools to ensure a reliable water supply for BAWSCA's constituents

# BAWSCA Focused on Protecting Water Users Interests

- No activity at State level or by SFPUC in last month on any voluntary agreement negotiations
  - No response to the recent SFPUC letter to Secretaries
- Given State's schedule for Plan, window of opportunity for successful negotiations is getting smaller
- BAWSCA renewing its press to SFPUC – this is their responsibility to resolve given their obligations to BAWSCA agencies and the environment
- BAWSCA efforts are continuing on multiple fronts
  - Legal action remains on course
  - Pressing for negotiations on a voluntary agreement with State, SF, and others
  - TRVA remains a potential viable alternative, though State Board's receptivity is unclear
  - SFPUC Alternative Water Supply Program initiated to develop new supplies as needed
  - Working to identify other avenues for legislative support to protect water customers
- BAWSCA remains actively engaged with legislative and other allies



## Closed Session



# REDUCE OUTDOOR WATER USE

It's a DROUGHT.

**BAWSCA**  
Bay Area Water Supply & Conservation Agency

 Hetch Hetchy  
Regional Water System  
Services of the San Francisco Public Utilities Commission

[bawsca.org/DROUGHT](http://bawsca.org/DROUGHT)

# Comments by Committee Members



GARDENS  
**GONE WILD**

Use native, water-efficient plants. It's a DROUGHT.

**BAWSCA**  
Bay Area Water Supply & Conservation Agency

 Hetch Hetchy  
Regional Water System  
Services of the San Francisco Public Utilities Commission

[bawasca.org/DROUGHT](http://bawasca.org/DROUGHT)



# Next Meeting and Adjournment

## Next BPC Meeting

- April 13, 2022
- Time: 1:30 pm
- Location: TBD

