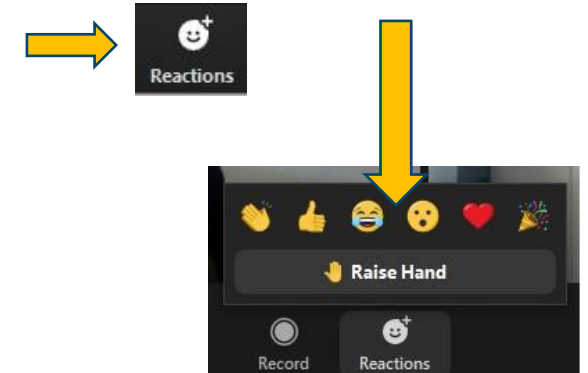


Meeting Instructions While We Gather

- 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
- 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



An aerial photograph showing the BAWSCA Service Area. The map highlights the San Francisco Peninsula, including the cities of San Francisco, San Mateo, and Redwood City, as well as the surrounding hills and the San Francisco Bay. The text "BAWSCA Service Area" is overlaid in the top left corner of the map.

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 of Directors Meeting

July 21, 2022

Call to Order and Roll Call



Comments by Chair



 **Only wash when the hamper's full**

 **Not full? Not today**

We're in a drought, cut waste out.

BAWSCA
Bay Area Water Supply & Conservation Agency

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


bawsca.org/conserve


Consent Calendar

- A. Approval of Resolution #2022-09,
Declaring that the Board Meetings will
Continue to be Held Via Teleconference
(Attachment)
- B. Approve Minutes of the May 19, 2022
Meeting
- C. Receive and File Budget Status Report –
As of May 31, 2022
- D. Acceptance of BAWSCA's Amended
Conflict of Interest Code
- E. Authorization of Professional Service
Contract with MWM




Board Policy Committee Report



 **Replace your lawn with a water-wise landscape**

We're in a drought, cut waste out.

BAWSCA
Bay Area Water Supply & Conservation Agency

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

bawsca.org/conserve

Public Comments on Items not on the Agenda



SFPUC Report



Water Supply Conditions Update

Steven R. Ritchie

Assistant General Manager, Water

July 21, 2022

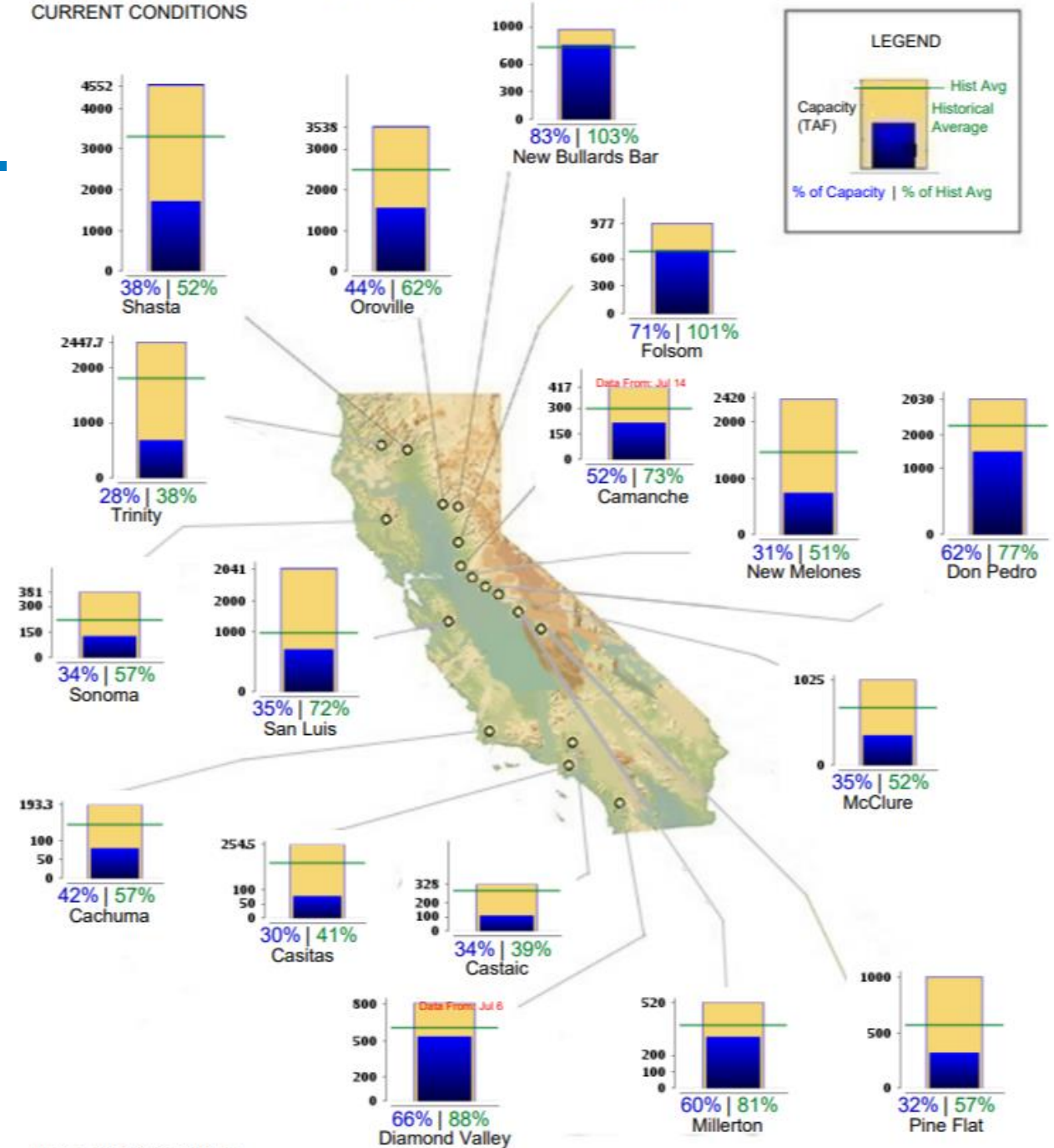
July 18, 2022 Reservoir Storage

| Reservoir | Current Storage ^{1,2,3} (AF) | Maximum Storage ⁴ (AF) | Available Capacity (AF) | Percent of Maximum Storage | Normal Percent of Maximum Storage ⁵ |
|---------------------------------|---|---|-------------------------------|----------------------------------|---|
| <u>Tuolumne System</u> | | | | | |
| Hetch Hetchy | 343,400 | 360,360 | 16,960 | 95.3% | 98.0% |
| Cherry | 257,700 | 273,345 | 15,645 | 94.3% | - |
| Eleanor | 25,810 | 27,100 | 1,290 | 95.2% | - |
| Water Bank | 231,377 | 570,000 | 338,623 | 40.6% | 95.7% |
| Total Tuolumne Storage | 858,287 | 1,230,805 | 372,518 | 69.7% | - |
| <u>Local System</u> | | | | | |
| Calaveras | 60,513 | 96,670 | 36,157 | 62.6% | - |
| San Antonio | 46,787 | 53,266 | 6,479 | 87.8% | - |
| Crystal Springs | 50,919 | 58,309 | 7,390 | 87.3% | - |
| San Andreas | 15,199 | 19,027 | 3,828 | 79.9% | - |
| Pilarcitos | 2,655 | 3,030 | 375 | 87.6% | - |
| Total Local Storage | 176,073 | 230,302 | 54,229 | 76.5% | - |
| Total System Storage | 1,034,360 | 1,461,107 | 426,747 | 70.8% | 89.6% |
| Total without water bank | 802,983 | 891,107 | 88,124 | 90.1% | - |

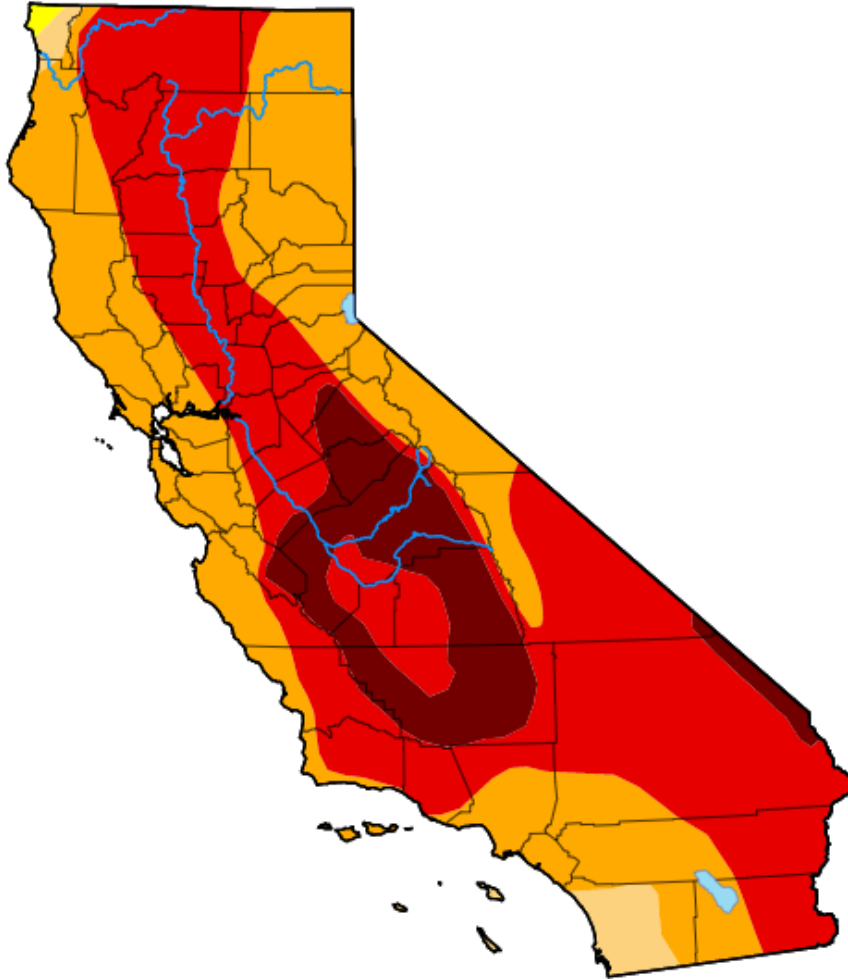
Other California Reservoirs

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - July 17, 2022



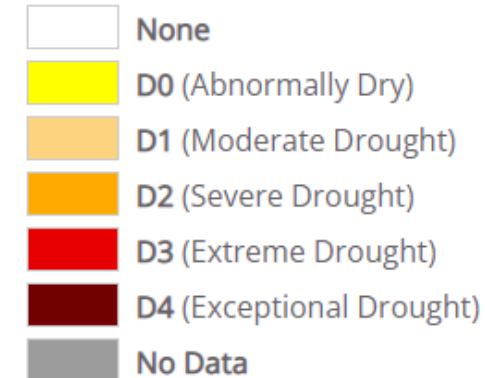
California Drought Monitor



Map released: Thurs. July 14, 2022

Data valid: July 12, 2022 at 8 a.m. EDT

Intensity



Authors

United States and Puerto Rico Author(s):

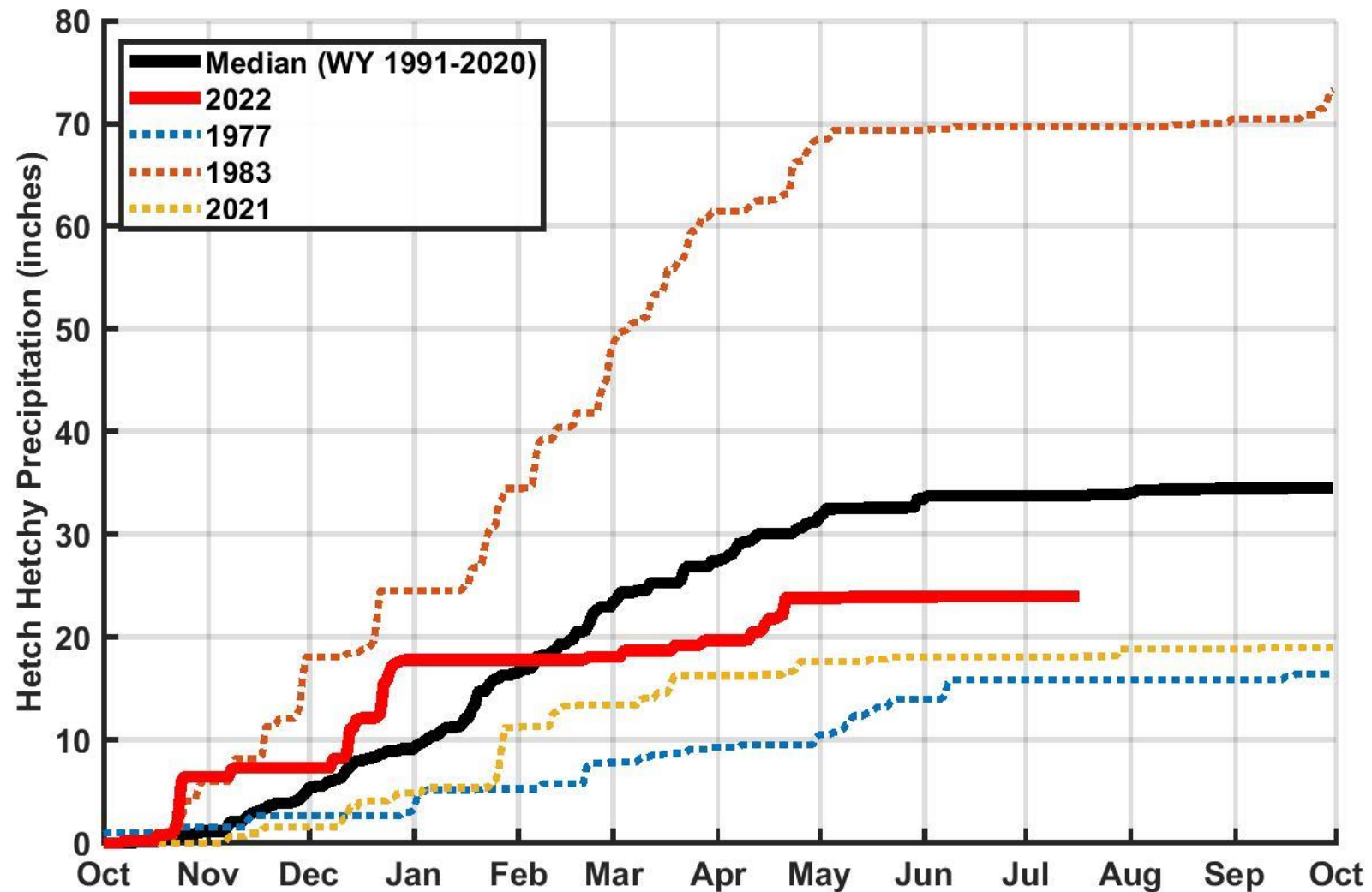
Brian Fuchs, National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

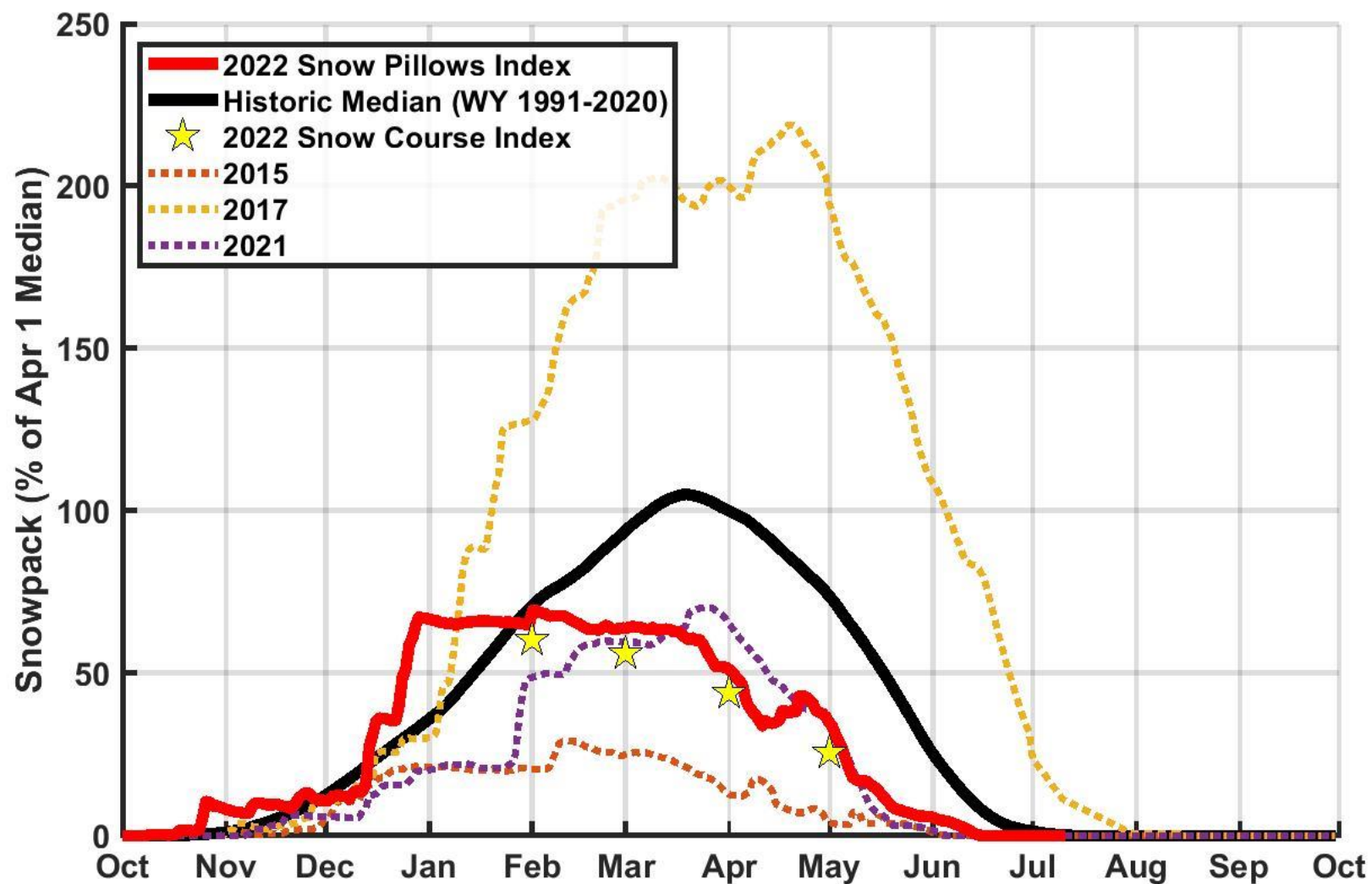
Brad Rippey, U.S. Department of Agriculture

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

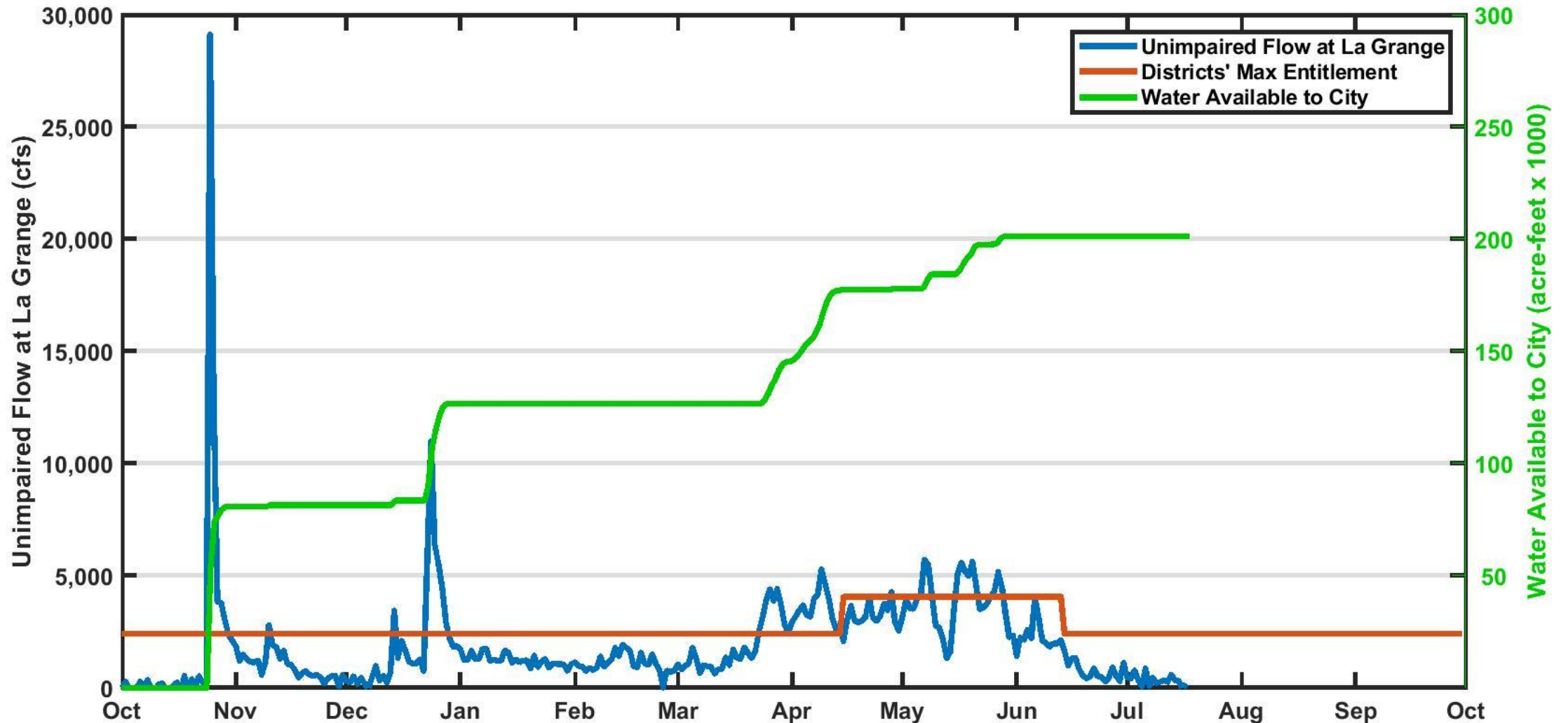
Hetch Hetchy Precipitation



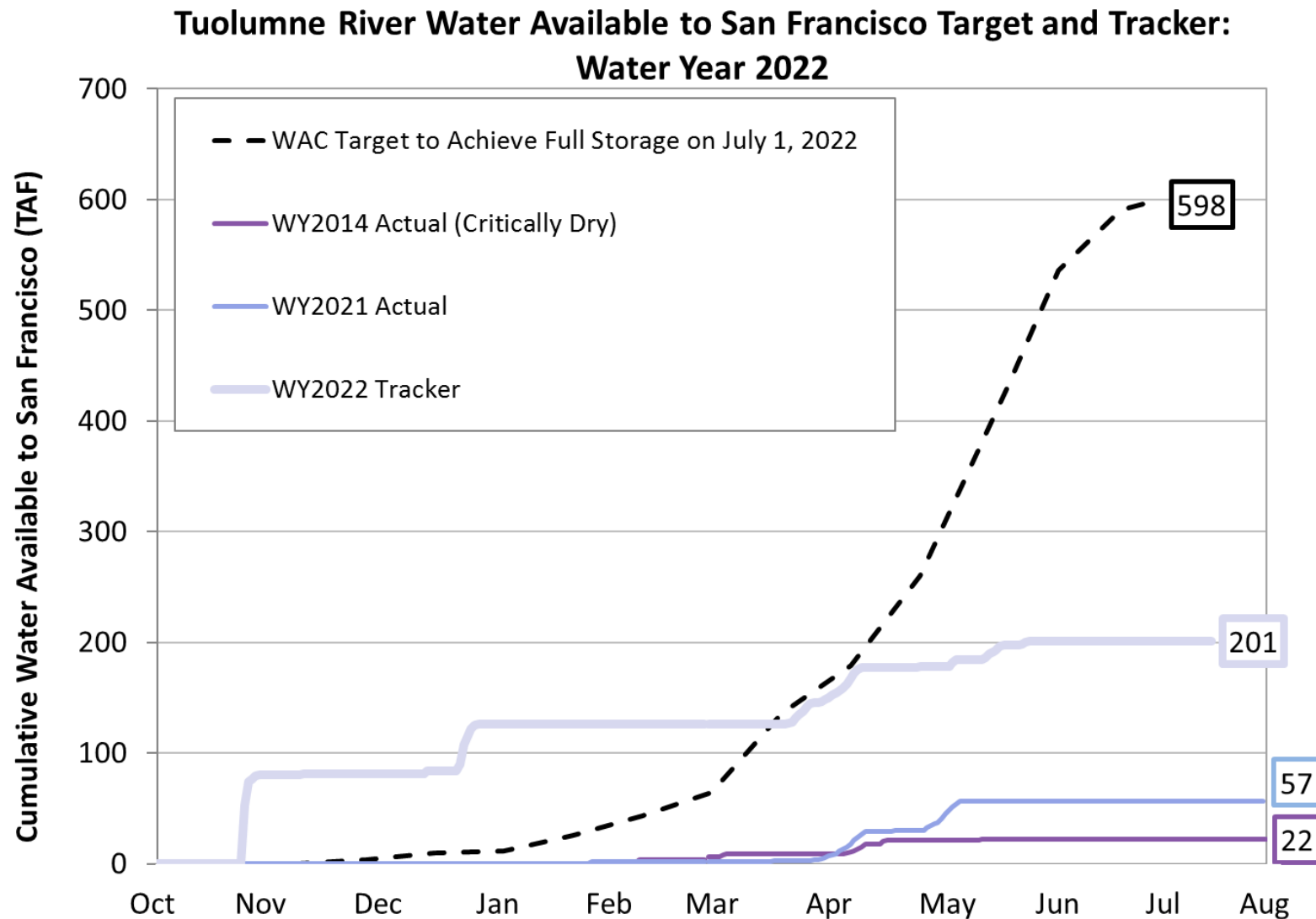
Upcountry Snowpack



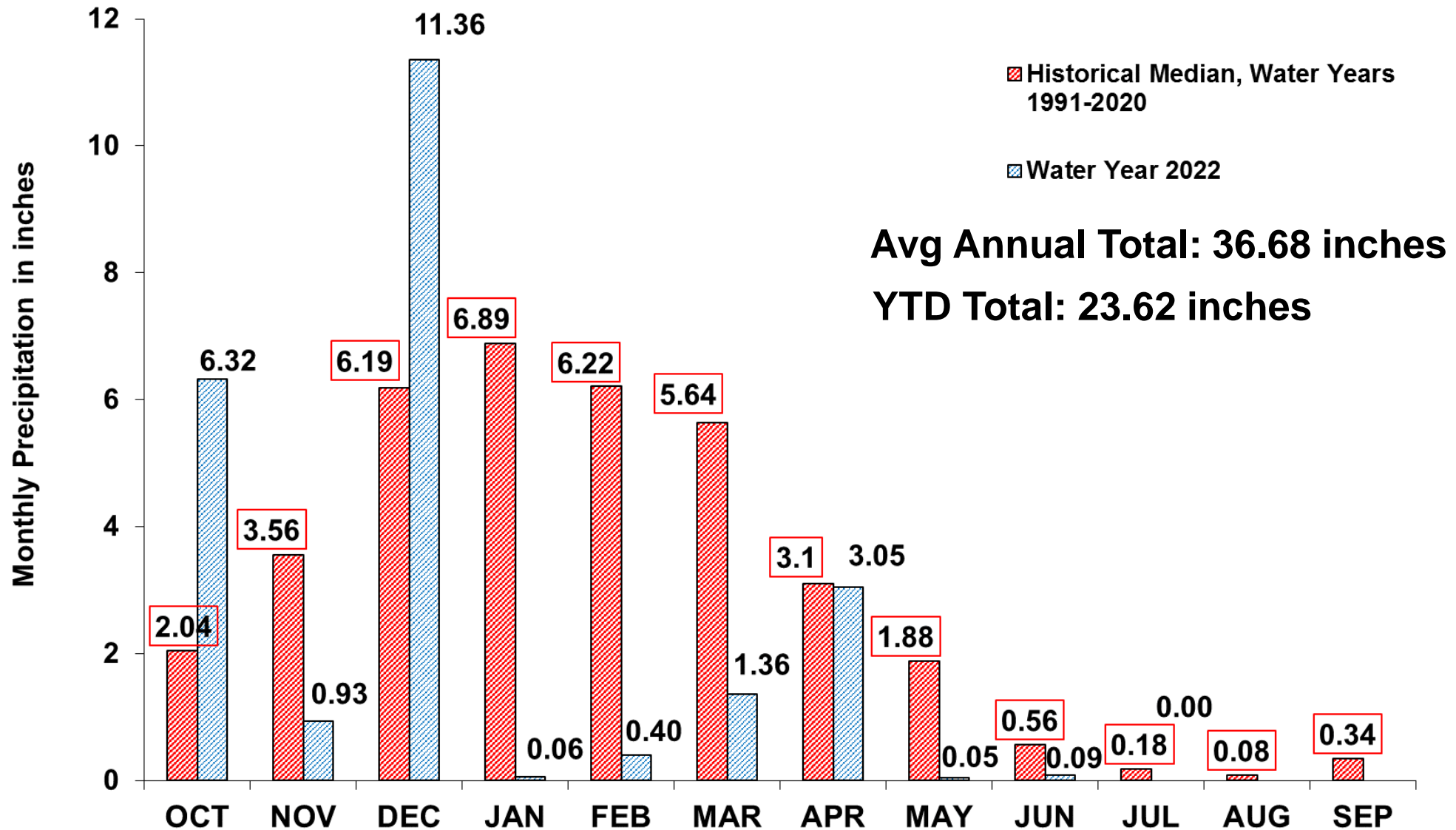
Water Available to the City



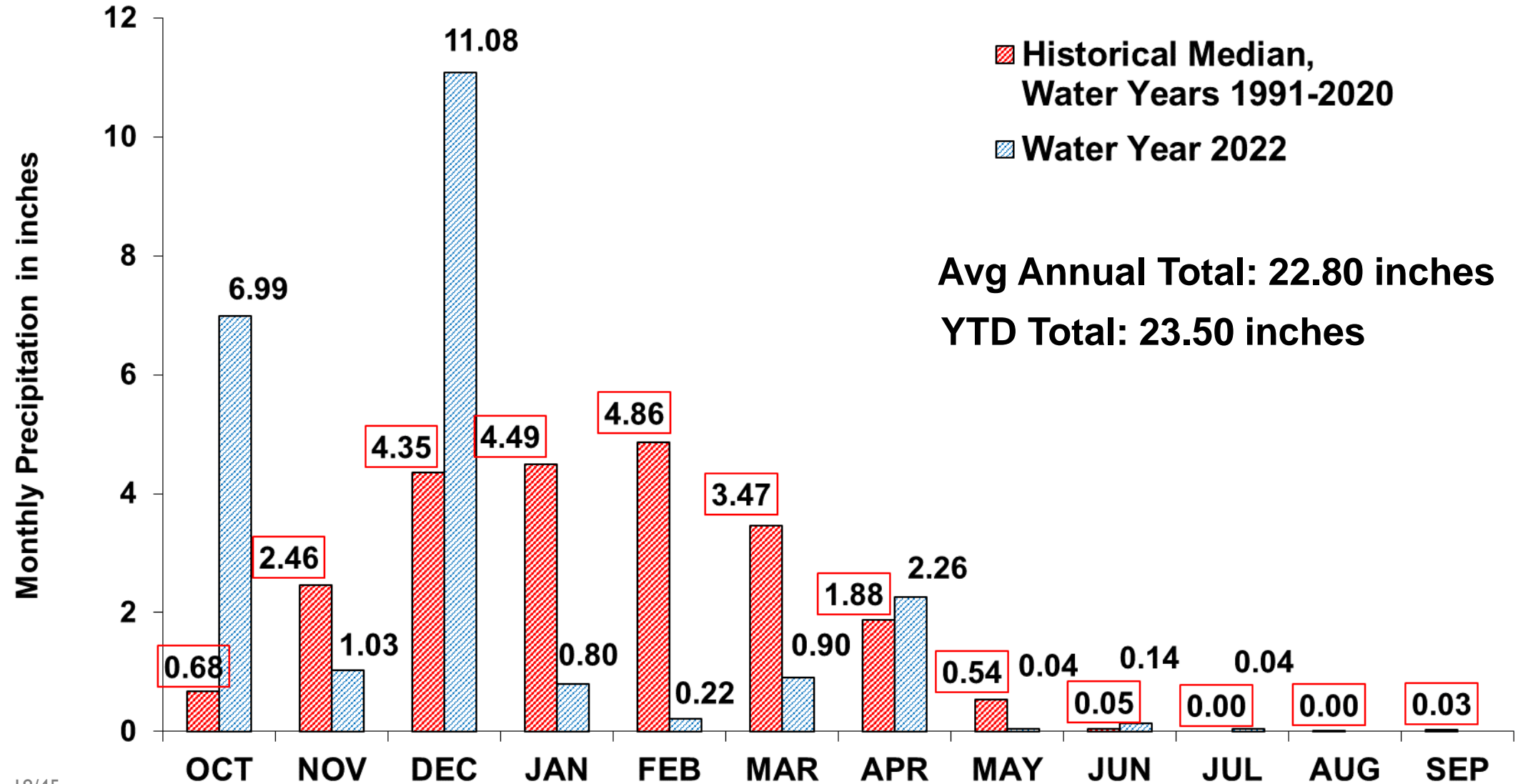
Tuolumne River Water Available to the City



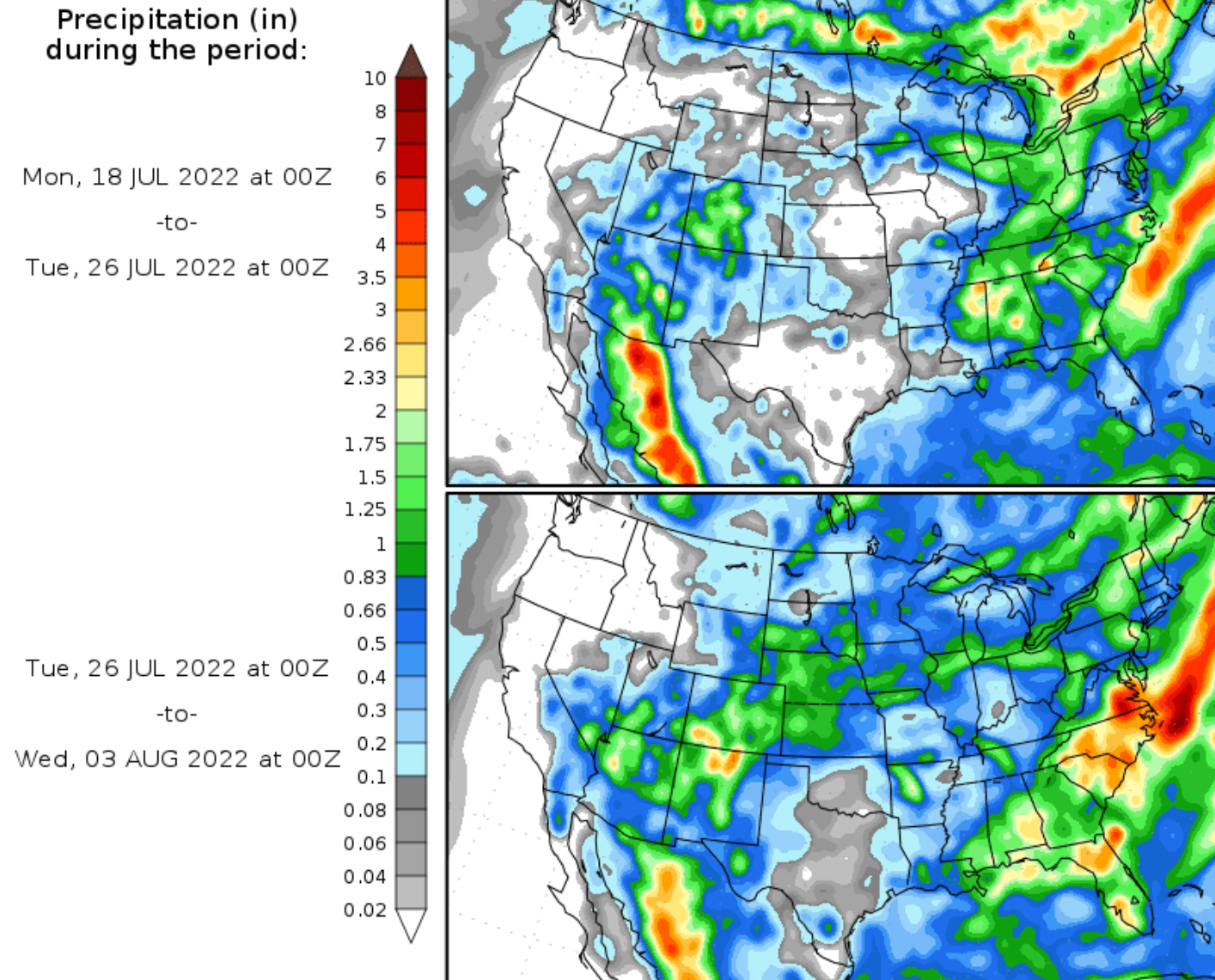
Upcountry 6-station Precipitation Index as of July 17, 2022



Bay Area 7-station Precipitation Index as of July 17, 2022

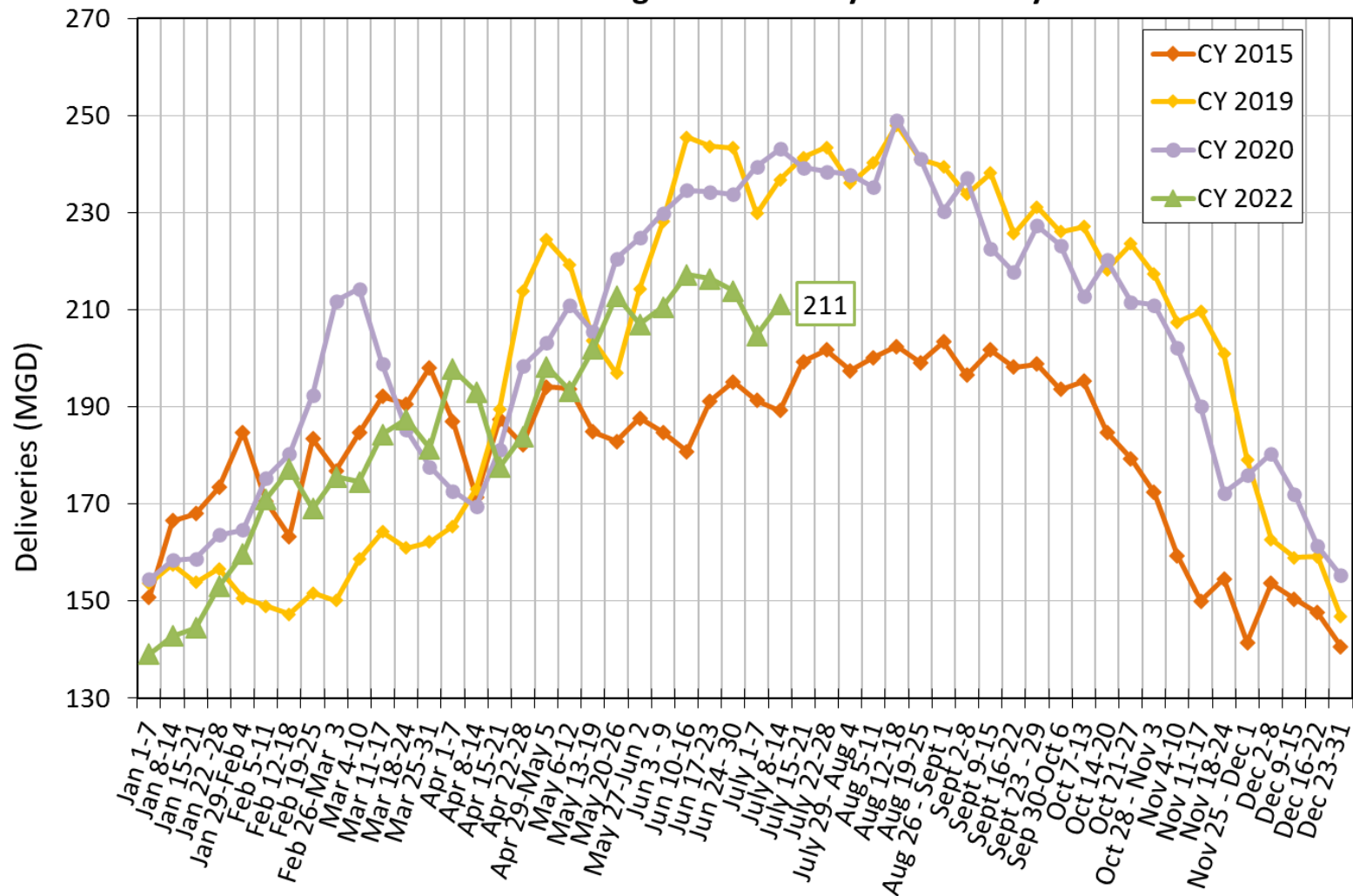


National Precipitation Forecast



Total Deliveries

Regional Water System Total Deliveries
Source: SFPUC Regional Water System County Meters

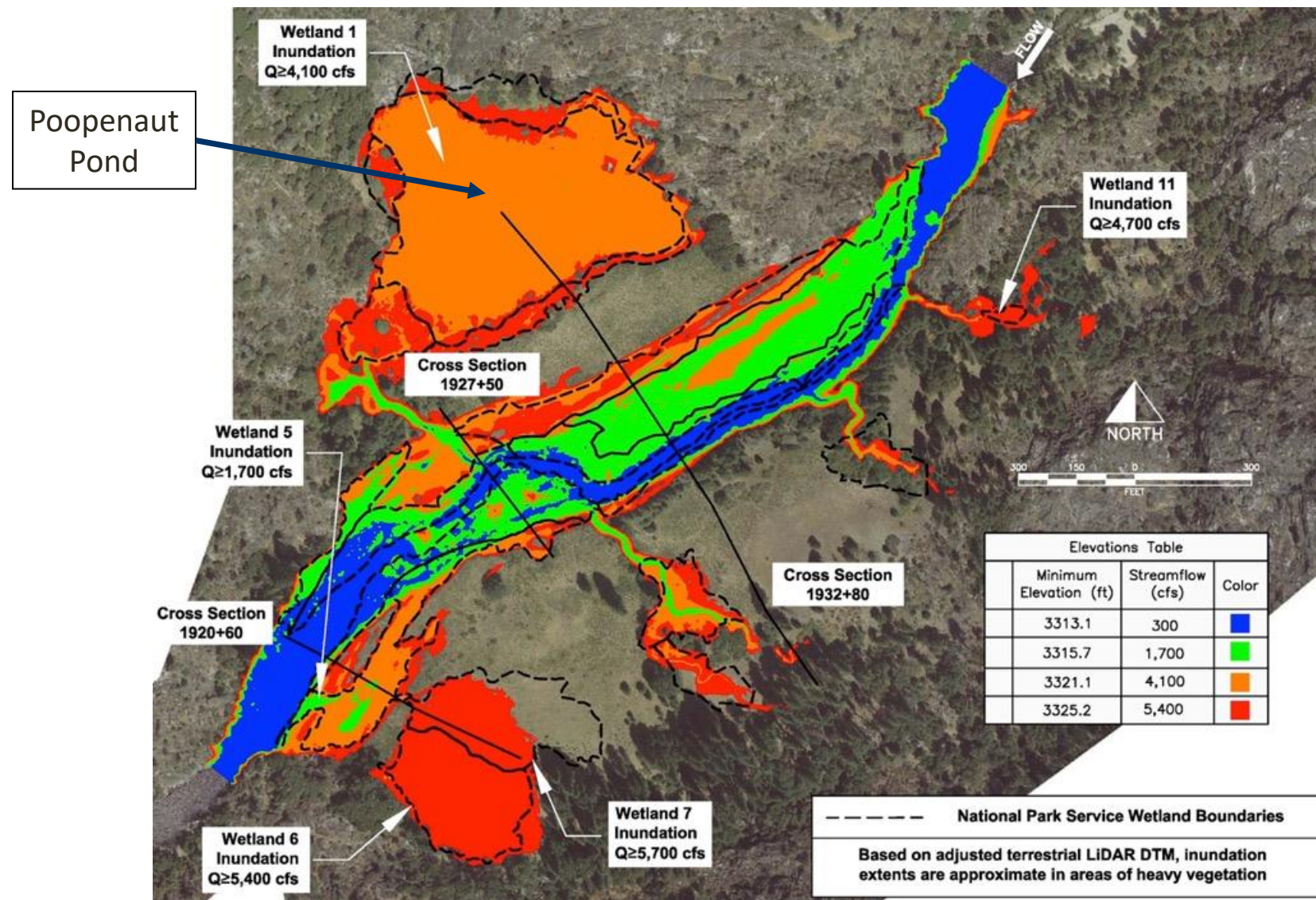


Upper Tuolumne River Ecosystem Program Spring 2022

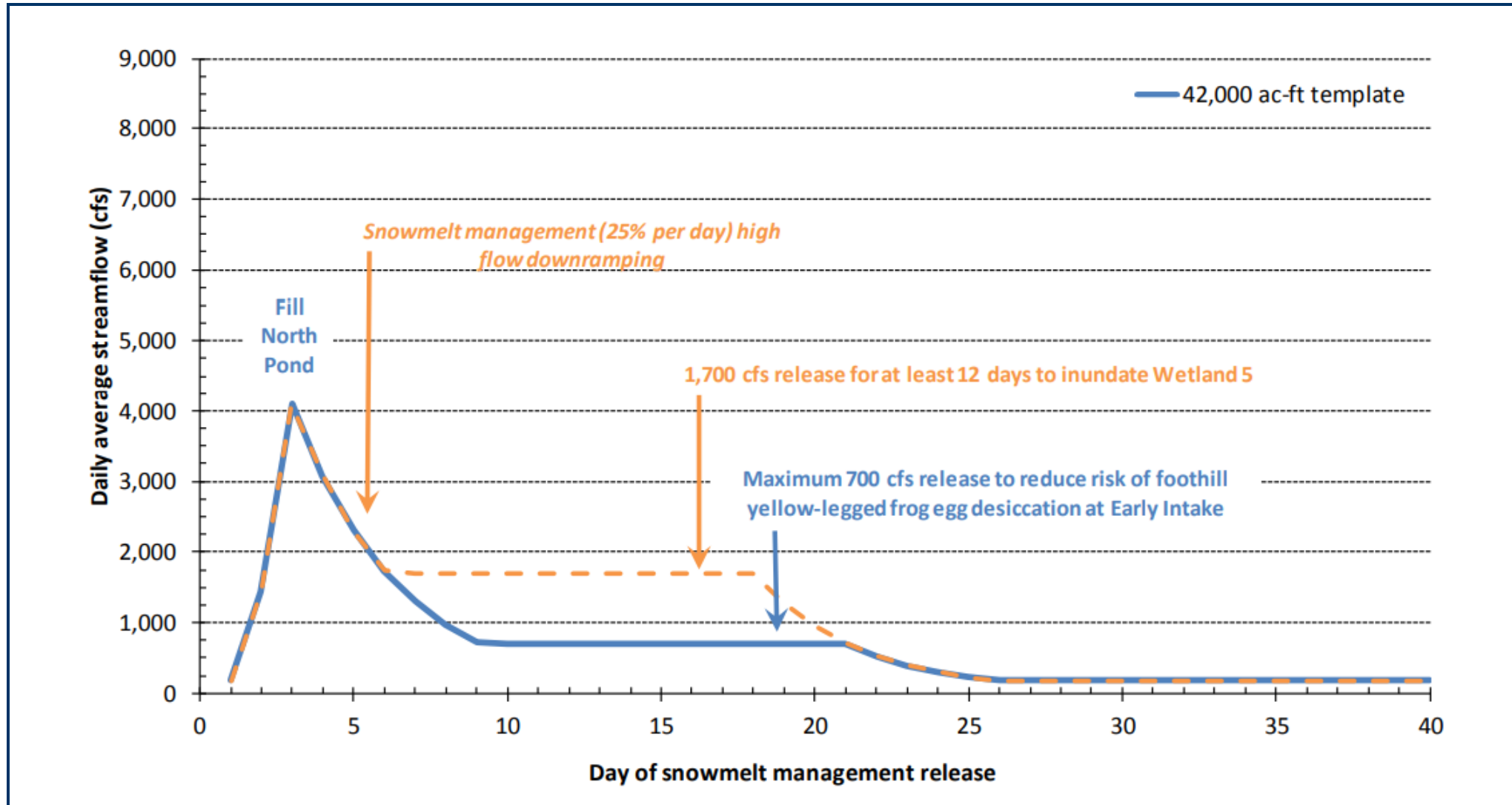


Expected Poopenaut Valley Pond Fill

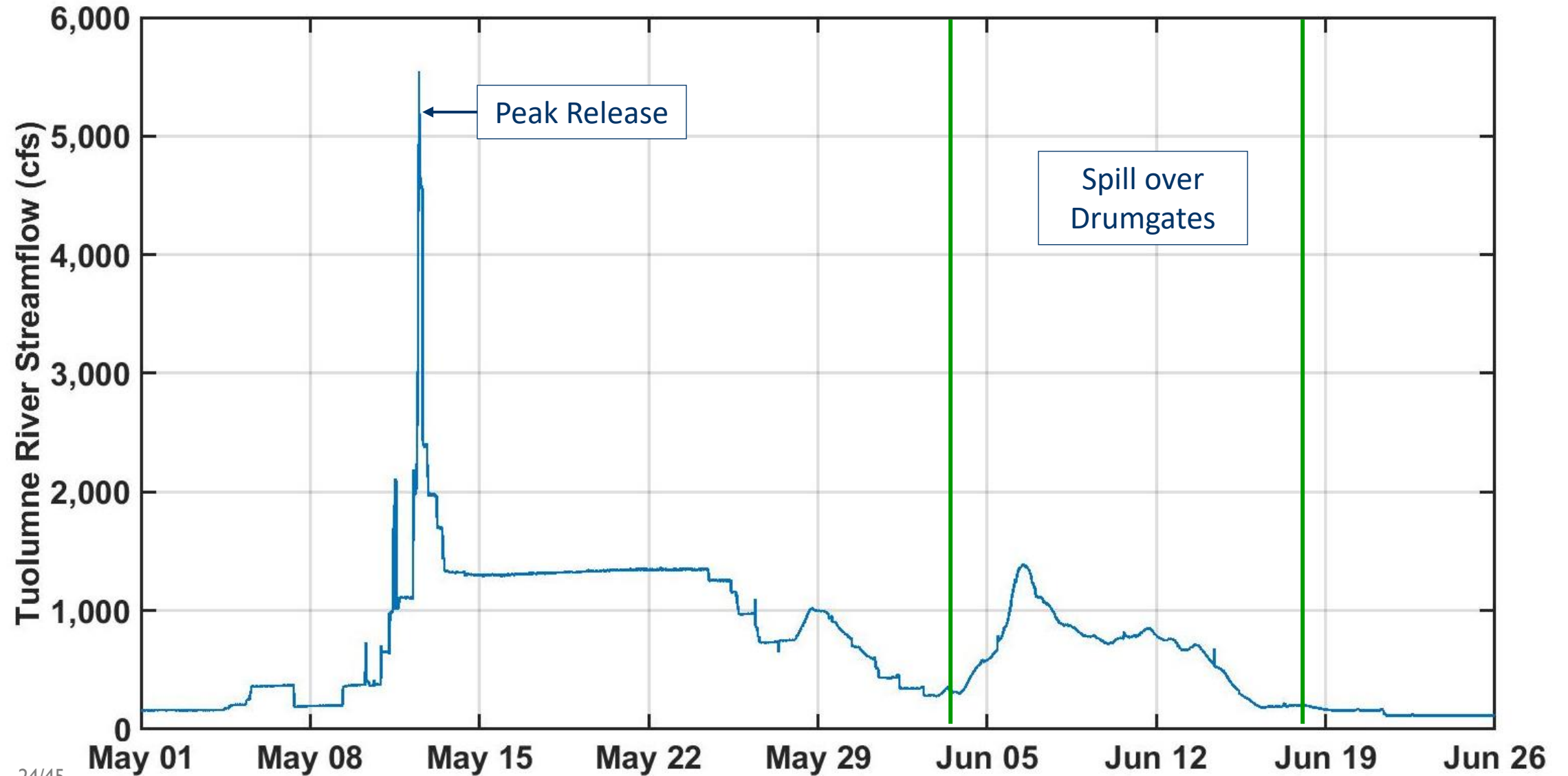
- The “pond fill” release inundates the pond, but also numerous other wetland areas as well.
- Flooding Poopenaut Pond improves habitat in critical area.
- Timed to maximize impact and coincide with Division of Safety of Dams inspection
- All areas in orange, green, and blue are inundated at 4,100 cfs.



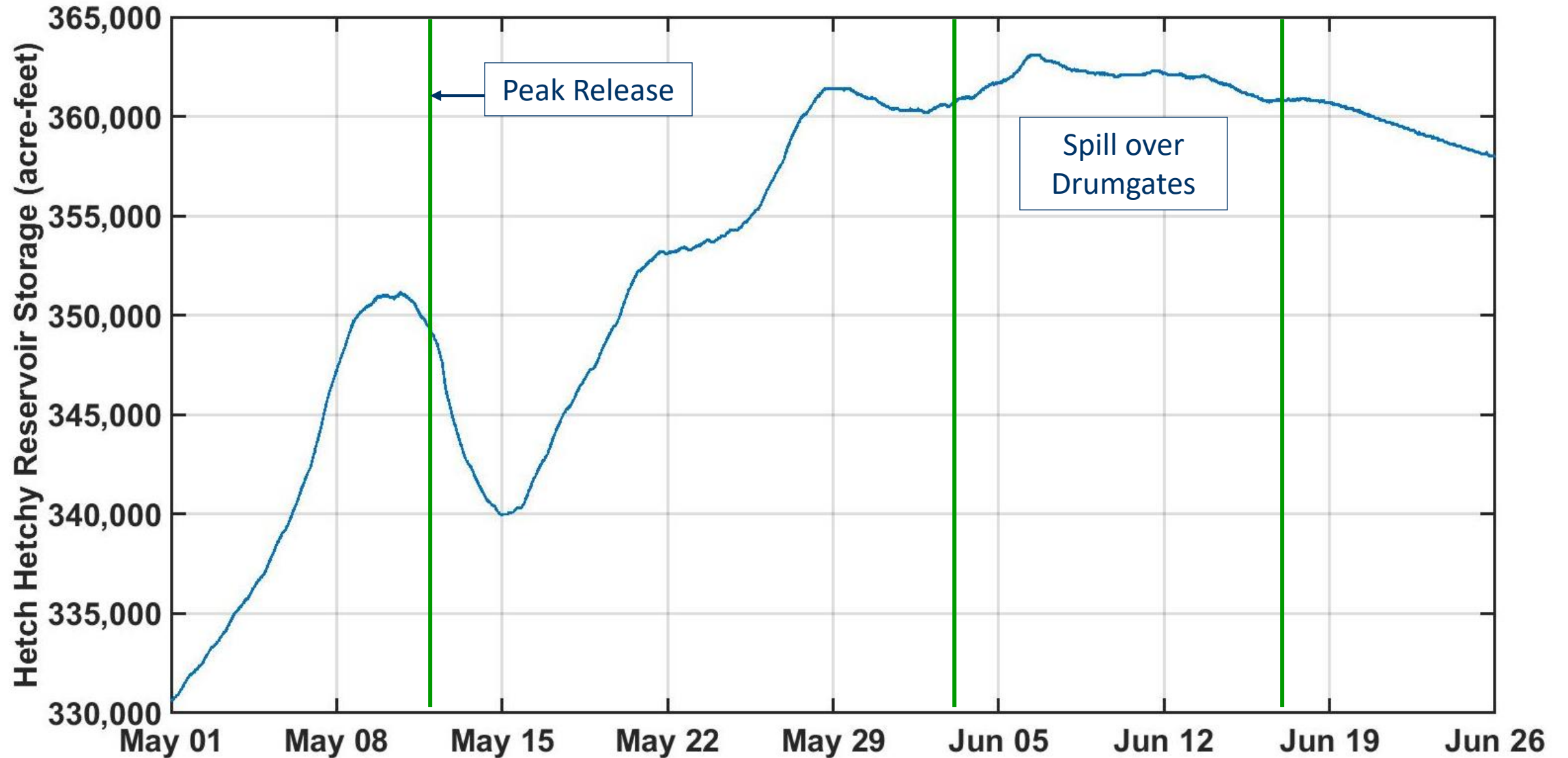
Planned Hydrograph



Actual Hydrograph



Hetch Hetchy Reservoir Fill



Poopenaut Valley



Poopenaut Pond Flooding



The release to fill Poopenaut Pond inundates other wetlands in the Valley as well, such as this wetland on the south side of the river.



Action Calendar



Authorization of Professional Services Contract to Support the Redesign and Implementation of BAWSCA's WCDB

- BAWSCA seeks Board approval to enter into a contract with Woodard & Curran, Inc. (W&C) to assist in the development and implementation of a redesigned and enhanced WCDB
- W&C identified as preferred service provider through a competitive proposal solicitation process
 - Selection based on an evaluation of the firm's and staff's experience, approach to the work, and cost of services
- W&C's proposal is within the \$120K budget allocation included in BAWSCA's approved FY 2022-23 budget
- In June, BPC recommended that the Board authorize the CEO to negotiate and execute a contract with the selected consultant, subject to legal counsel's review
 - A selected consultant had not been identified prior to the BPC meeting, yet the BPC was aware that procurement was underway

WCDB Redesign & Implementation – Objectives and Key Tasks

- The redesigned WCBD will be designed to:
 - Provide a reliable and user-friendly interface for input of water use and conservation data
 - Facilitate ease of State Board reporting in accordance with SB 606 / AB 1668
 - Enable simple export of data for completion of BAWSCA's work plan (Annual Survey, Conservation Reporting, etc.)
 - Use a platform that provides a simple process for future database modifications
- Key Tasks (all to be completed in FY 2022-23):
 - Task 2 - Review existing WCDB
 - Task 3 - WCDB redesign scope & needs assessment with significant WMR engagement
 - Task 4 - Develop WCDB
 - Task 5 - User training
- In FY 2023-24 and beyond, W&C will provide
 - On-going technical support of the redesigned WCDB
 - A one-year warranty on the package developed
- On-going technical support will be subject to a subsequent annual agreement brought to the Board for approval as part of BAWSCA's FY 2023-24 Work Plan and Budget

Recommended Action

That the Board authorize the CEO/General Manager to negotiate and execute a contract with Woodard & Curran, Inc., subject to legal counsel's final review, for an amount not to exceed \$120,000 to support the redesign and implementation of BAWSCA's WCDB.

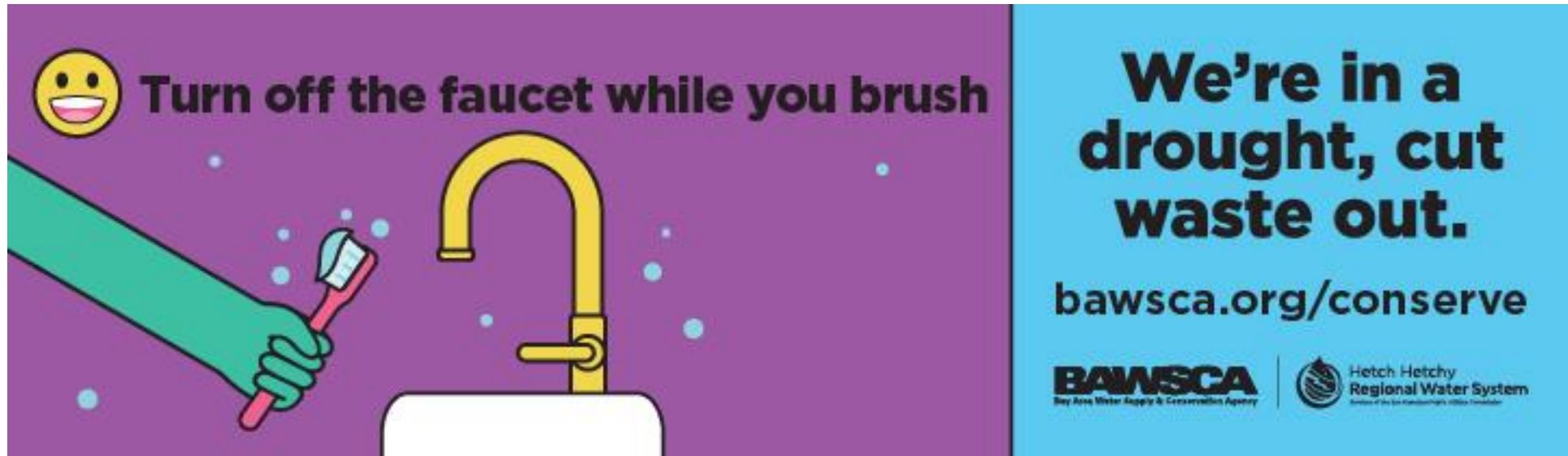
Report and Discussion



CEO Evaluation

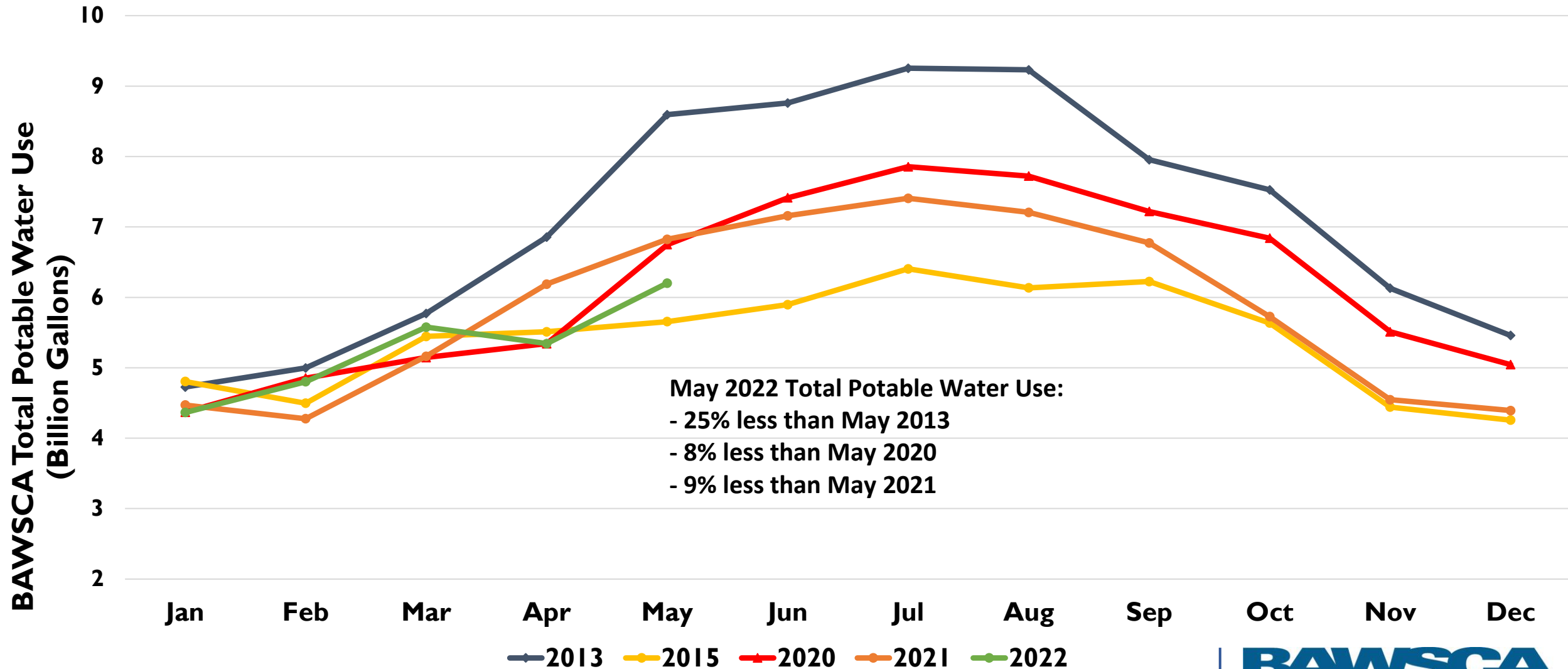
- 360 Degree Consultant on-board
- Surveys distributed to Board by August 3rd
 - Survey responses due by August 15th
 - BAWSCA staff & Pre-determined number of WMRs will participate
 - Consultant will conduct virtual interviews with staff and select WMRs from August 15th to August 23rd
- Salary survey development is underway
- September 15, 2022: CEO Evaluation and Contract Consideration

CEO Reports



BAWSCA May 2022 Total Potable Water Use

8% Less Than May 2020



BAWSCA's Lawn Be Gone! Program Provides Rebates Incentives for the Replacement of Turf with a Water-Efficient Landscape

- BAWSCA's Lawn Be Gone! Program began in FY 2010-11
 - 379 rebates totaling \$557K paid to customers
 - 413,177 sq. feet converted with an estimated 25 acre-feet annual savings
 - Weighted average cost of water saved to date = \$1,100/AF
- Lawn Be Gone! Program goals
 - Reduce water use by removing water-thirsty lawn
 - Encourage use of water-efficient landscaping to maintain aesthetically pleasing and sustainable landscaping
- Program's 50% requirement: Converted area must include enough plants to ensure at least 50% of the converted area is covered with plants, when fully grown
- Why?
 - Trees, shrubs, and ground covers provide shade, absorb carbon dioxide, supply oxygen, reduce soil erosion, give wildlife a home, decrease energy, reduce storm water runoff, and save water
 - Program is meant to promote sustainable landscape design and Green Infrastructure (GI)
 - GI better supports the hydrologic cycle
 - Plants intercept and transpire water through the process of evapotranspiration
 - GI improves water quality, reduces water flow, and reduces water volume
- Program information and rules available at www.BAWSCA.org/conserve

New Tier 2 Drought Response Implementation Plan Negotiations Underway

- Tier 2 Plan allocates Regional Water System (RWS) supplies among the Wholesale Customers during shortages caused by drought
- Current Tier 2 Plan expired in 2018 as had been extended on a yearly basis since then by the Board
 - Understanding has been that the Wholesale Customers would negotiate and adopt a new Plan with the assistance of BAWSCA
- January 2022 – BAWSCA kicked off negotiations with the member agencies' designated Water Management Representatives (WMR)
- BAWSCA's role in this effort is to help guide these negotiations so that the final Plan can gain unanimous approval by all 26 member agencies

Tier 2 Plan Negotiations Expected to Continue into 2023

- Negotiations are an iterative process that will take several months or longer to complete
- Progress is slower than planned and is expected to continue to be impacted by the competing priorities experienced by the member agencies
 - Particularly the current drought response and ongoing pandemic
- A new Tier 2 Plan will not be completed by the end of calendar year 2022
- The Board will need to consider extending the existing Tier 2 Plan prior to the current December 31, 2022 expiration date at the November Board meeting

Progress on New Tier 2 Plan Negotiations

- Consultant selected through competitive process to provide technical assistance
 - Given slower than planned progress, extension of consultant contract necessary in coming months
- Lead negotiators designated for each member agency
- Policy principles developed and agreed upon to guide development of updated Tier 2 Plan
 1. Provide sufficient water for the basic health and safety needs of customers.
 2. Minimize economic and other adverse impacts of water shortages on customers and the BAWSCA region.
 3. Provide predictability of drought allocations through consistent and predetermined rules for calculation, while allowing for flexibility to respond to unforeseen circumstances.
 4. Recognize benefits of, and avoid disincentives for, water use efficiency and development of alternative of water supply projects.
- Initial model concepts developed and in discussion with agencies
- Regular updates will continue to be provided to Board

BAWSCA Remains Focused on Protecting Water Users Interests in State's Bay Delta Plan Efforts

- In 2019, BAWSCA intervened in Bay Delta lawsuit to protect the unique interests of the Wholesale Customers
 - The Wholesale Customers will pay 2/3 of the cost in both money and water of whatever San Francisco agrees to or is subject to as a result of the Bay Delta Plan lawsuit
 - By intervening, BAWSCA will be able to participate directly in settlement negotiations
- BAWSCA continuing to press SFPUC to clarify its plan to protect the water supply for its constituents in light of impacts of adopted Bay Delta Plan
 - SFPUC has the responsibility to resolve this issue given its obligations to BAWSCA agencies and the environment
 - Commission needs to intensify its efforts with State Board and Governor's staff to resolve issue
- BAWSCA efforts are continuing on multiple fronts
 - Legal action remains ongoing
 - Pressing for negotiations on a voluntary agreement with State, SF, and others
 - Working to identify other avenues for legislative support to protect water customers
 - SFPUC Alternative Water Supply Program planning work continues as necessary

Future Board Meeting Location Update

- BAWSCA has been investigating alternative Board meeting locations
 - Board's existing meeting location, San Mateo Library, is not available for Board's regular 6:30 pm starting time
- New Burlingame Community Center can accommodate BAWSCA's needs and is available
 - Large room with high ceilings that provides greater social distancing
 - Easy parking and access to Downtown Burlingame CalTrain Station
 - Open until 9 pm
 - Board and BPC meetings dates booked thru CY2023
- Propose Board consideration in September to revise regular meeting location



Closed Session



Directors' Discussion



Next Meeting and Adjournment

Next Meeting

September 15, 2022
6:30 pm
Location and Format TBA