

“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)]

Water Supply Conditions Update

**As Provided to C/CAG Resource
Management and Climate Protection
Committee**

Tom Francis
Water Resources Manager, BAWSCA
April 17, 2024



BAWSCA
Bay Area Water Supply & Conservation Agency

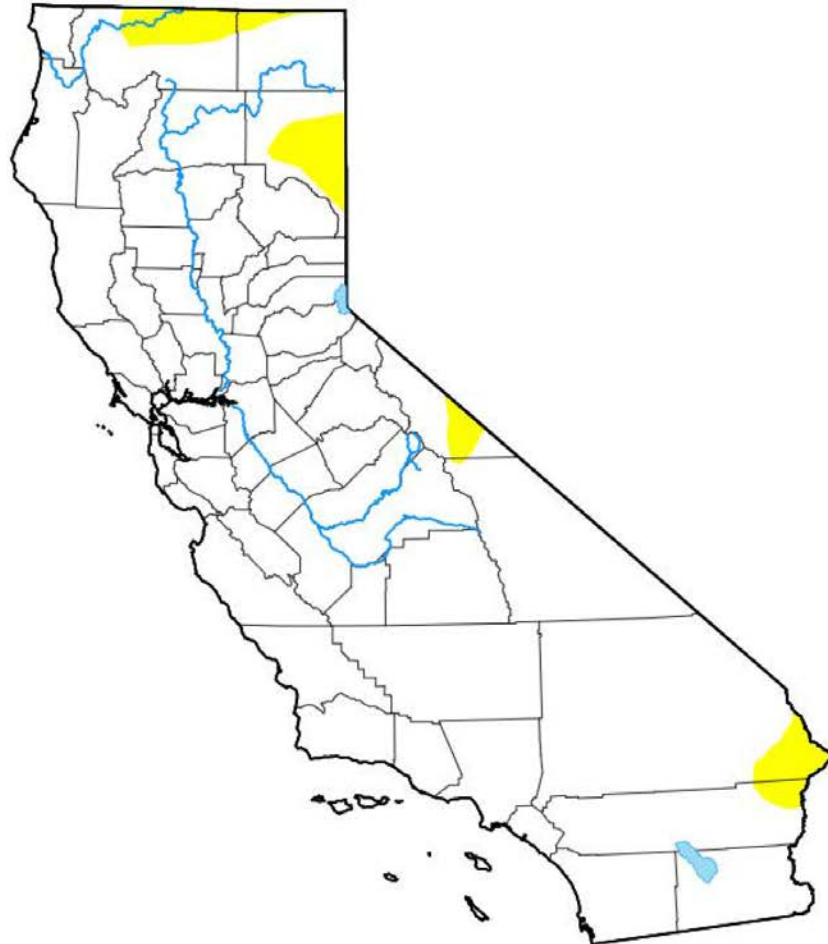
Water Supply Conditions Summary

- Water Year 2024 (which began in October 2023) started off dry, yet since January the precipitation (snow and rain) has been ample
- Rain and snowfall totals are now approximately near the median as developed for the years of record
- Most of the State, including the SF RWS, is not in drought conditions
- Water demand (from the SF RWS) is approaching the 5-year average

SFPUC's Water Supply Availability Update (April 15, 2024)

- The SFPUC provided BAWSCA and its Wholesale Customers a Water Supply Availability Update for Water Year 2024
 - Provided via a formal letter dated April 15, 2024
 - Water Year 2024 ends on September 30, 2024
 - SFPUC is required to provide this update in April of each year, per the Water Supply Agreement
 - Water supply available is estimated knowing the storage in place and available, upcountry snowpack and likely reservoir inflow, and the estimated demand from the SF RWVS
- The letter notes the following:
 - This year SFPUC will fill the entire water system by July 1, 2024
 - Water Bank is currently full and will remain full through the year
 - The SFPUC is in a solid position for water supply this year
 - The SFPUC continues to appreciate the efforts of the wholesale customers to encourage water conservation in their service areas

California Drought Monitor (March 28, 2024)



Map released: Thurs. March 28, 2024

Data valid: March 26, 2024 at 8 a.m. EDT

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Authors

United States and Puerto Rico Author(s):

[Brad Rippey](#), U.S. Department of Agriculture

Pacific Islands and Virgin Islands Author(s):

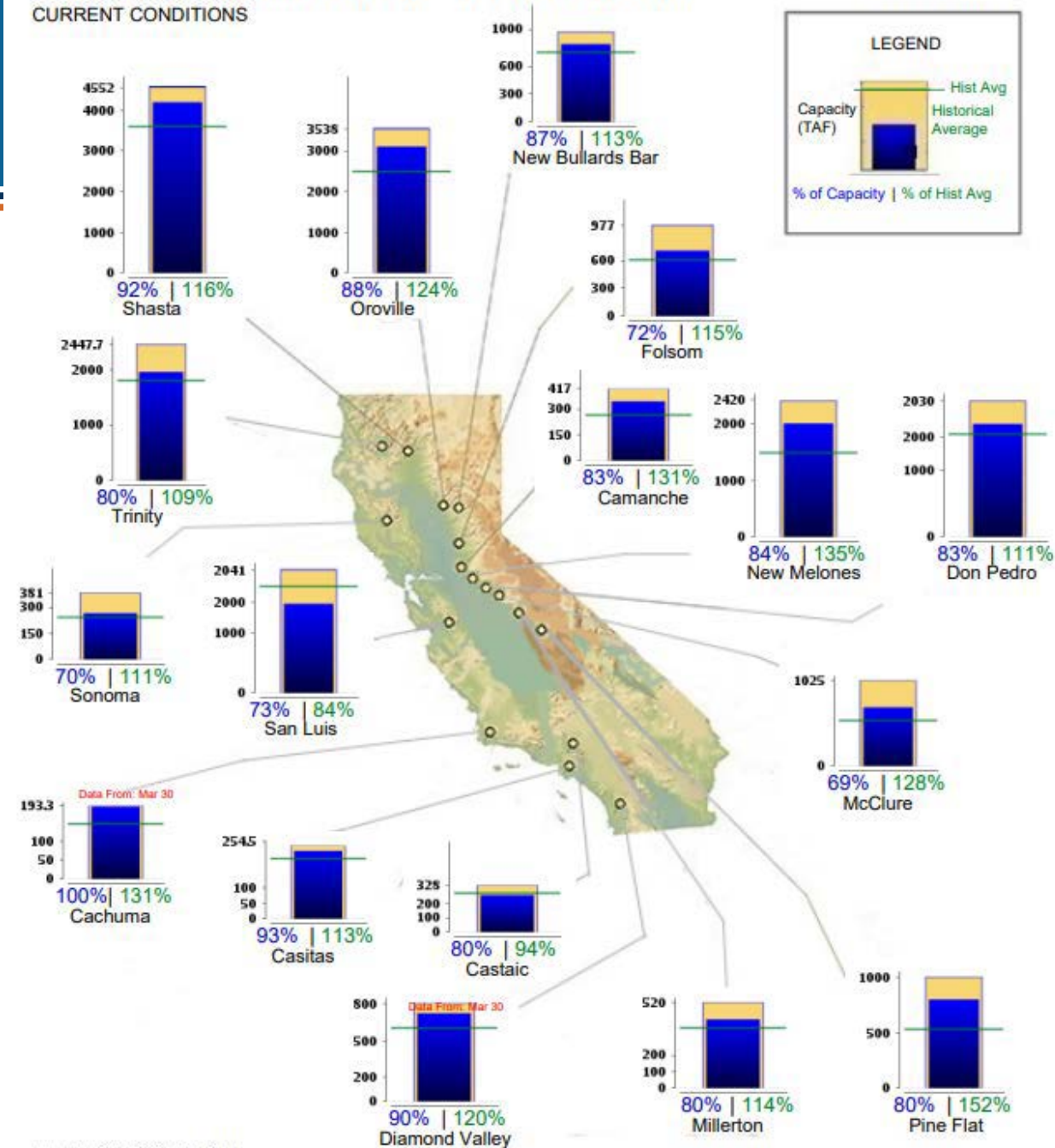
[Richard Heim](#), NOAA/NCEI

Cal Reservoir Conditions

California's Other Reservoirs (Storage as of March 31, 2024)

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

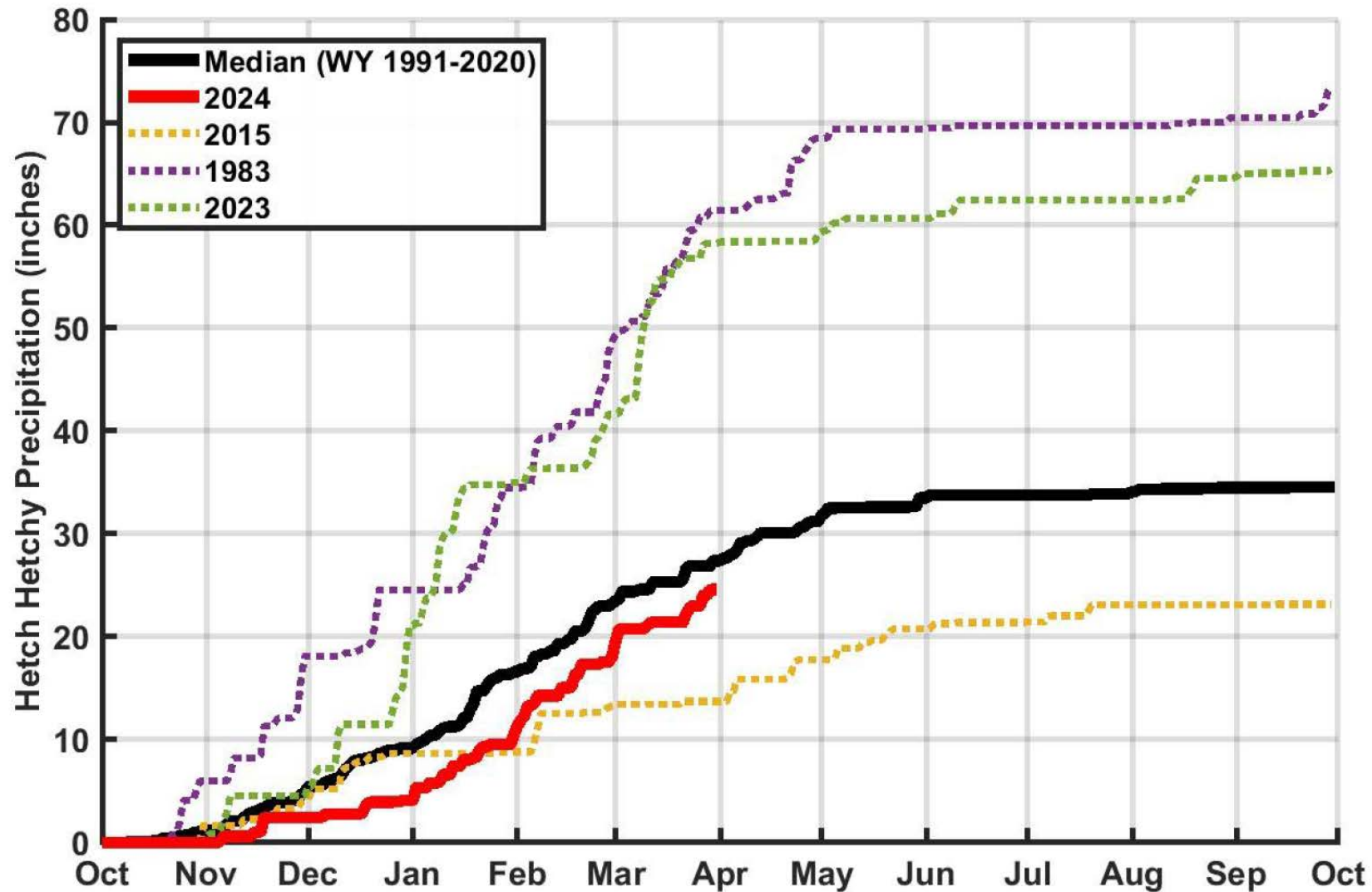
Midnight - March 31, 2024



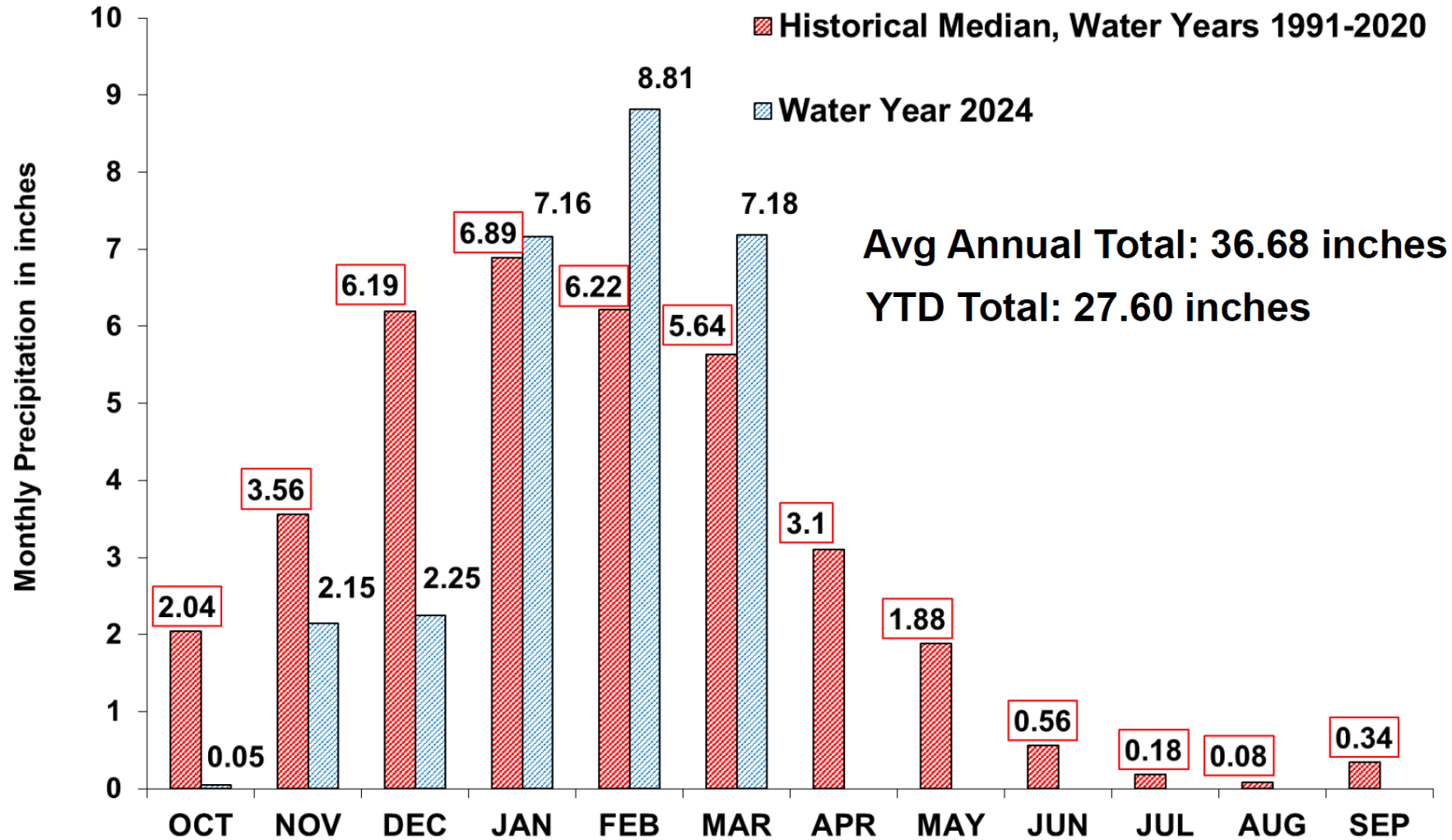
SF Regional Water System Storage as of April 1, 2024

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	292,200	360,360	68,160	81.1%	60.7%
Cherry	241,400	273,345	31,945	88.3%	-
Eleanor	22,710	27,100	4,390	83.8%	-
Water Bank	570,000	570,000	0	100.0%	99.8%
Total Tuolumne Storage	1,126,310	1,230,805	104,495	91.5%	-
<u>Local System</u>					
Calaveras	92,703	96,670	3,967	95.9%	-
San Antonio	50,522	53,266	2,744	94.8%	-
Crystal Springs	45,615	68,953	23,338	66.2%	-
San Andreas	13,804	18,675	4,871	73.9%	-
Pilarcitos	2,613	3,125	512	83.6%	-
Total Local Storage	205,257	240,689	35,432	85.3%	-
Total System Storage	1,331,567	1,471,494	139,927	90.5%	80.6%
Total without water bank	761,567	901,494	139,927	84.5%	-

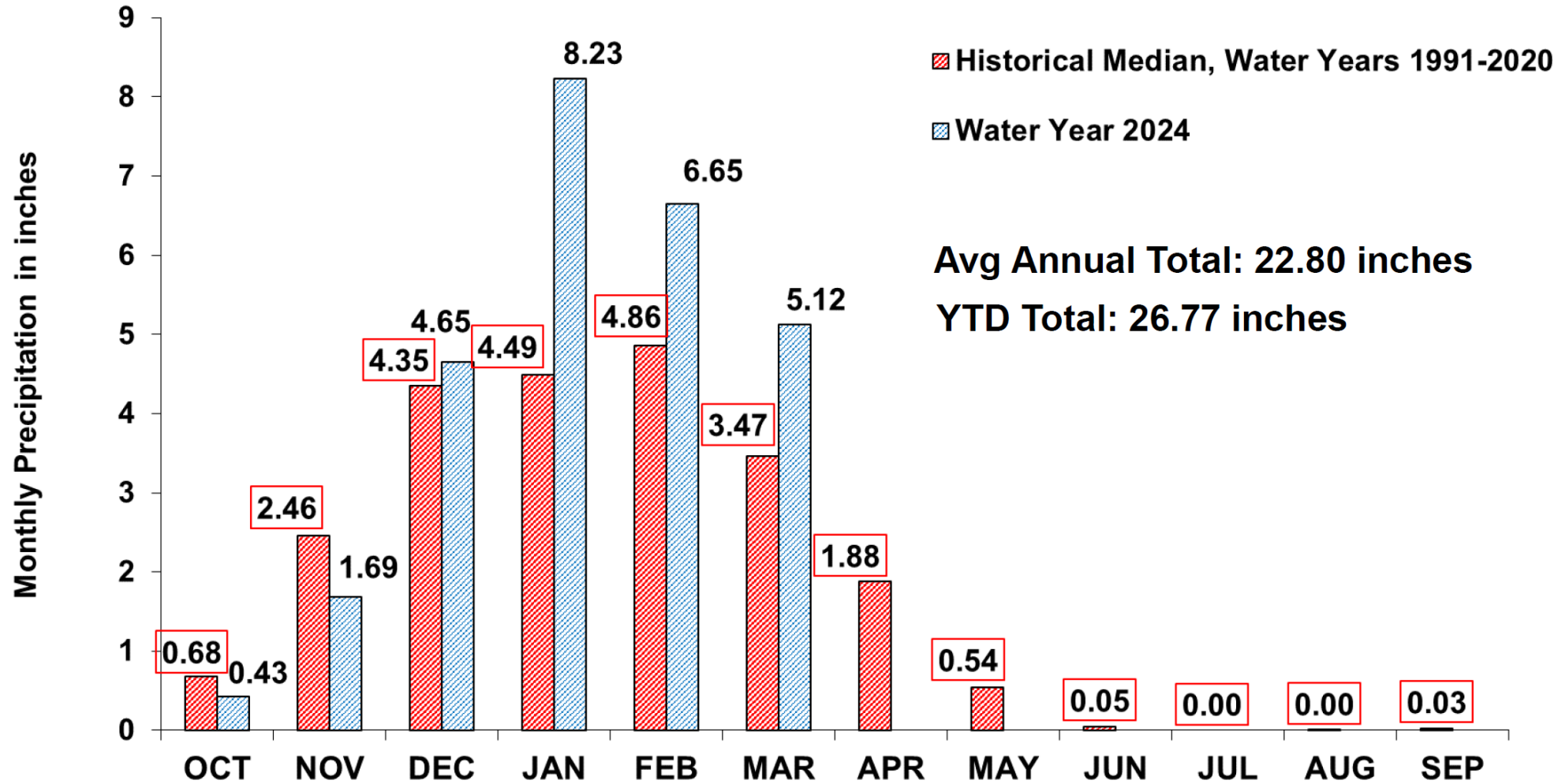
Hetch Hetchy Precipitation – Thru March 31, 2024



Upcountry Precipitation – March 31, 2024

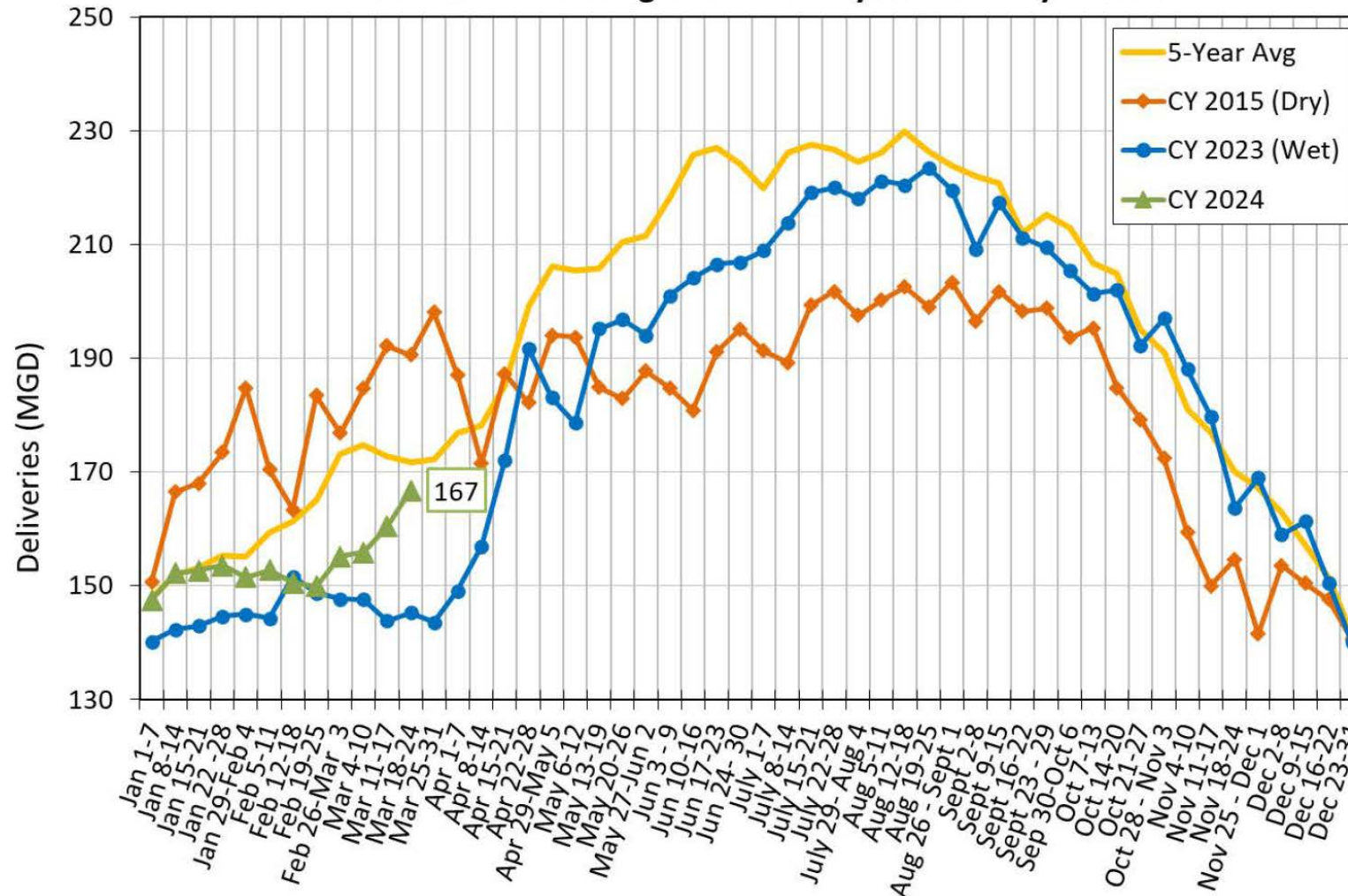


Bay Area Precipitation – March 31, 2024



Water Deliveries (from the SF RWS)

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



Questions and Comments



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