

San Francisco Public Utilities Commission

Hydrological Conditions Report

July 2026

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Hetch Hetchy Reservoir was at 96% of full capacity near the middle of July 2026 when the above photo was taken. The reservoir drafted to the bottom of the spillway drum gates near the end of July, after which the log boom was removed. The drum gates will be deactivated this month and will remain deactivated until snowmelt runoff occurs in Water Year 2027.

System Storage

Current Tuolumne System and Local Bay Area storage conditions are summarized in Table 1.

Table 1. Current System Storage as of August 1, 2026							
	Current Storage		Maximum Storage		Available Capacity		Percentage of Maximum Storage
	acre-feet	millions of gallons	acre-feet	millions of gallons	acre-feet	millions of gallons	
Tuolumne System							
Hetch Hetchy Reservoir ¹	339,479		360,360		20,881		94%
Cherry Reservoir ²	251,407		268,811		17,404		94%
Lake Eleanor ³	25,030		27,100		2,070		92%
Water Bank ⁴	586,016		586,016		0		100%
Tuolumne Storage	1,201,932		1,242,287		40,355		97%
Local Bay Area Storage							
Calaveras Reservoir	59,365	19,344	96,670	31,500	37,305	12,156	61%
San Antonio Reservoir	43,609	14,210	52,506	17,109	8,897	2,899	83%
Crystal Springs Reservoir	43,066	14,033	68,743	22,400	25,677	8,367	63%
San Andreas Reservoir	15,894	5,179	18,898	6,158	3,004	979	84%
Pilarcitos Reservoir	1,884	614	3,118	1,016	1,234	402	60%
Total Local Storage	163,818	53,380	239,936	78,183	76,118	24,803	68%
Total System	1,365,750		1,482,223		116,473		92%

¹ Maximum Hetch Hetchy Reservoir storage with drum gates activated.

² Maximum Cherry Reservoir storage with flashboards removed.

³ Maximum Lake Eleanor storage with all flashboards installed.

⁴ Additional Water Bank storage is derived from flood storage encroachment in Don Pedro.

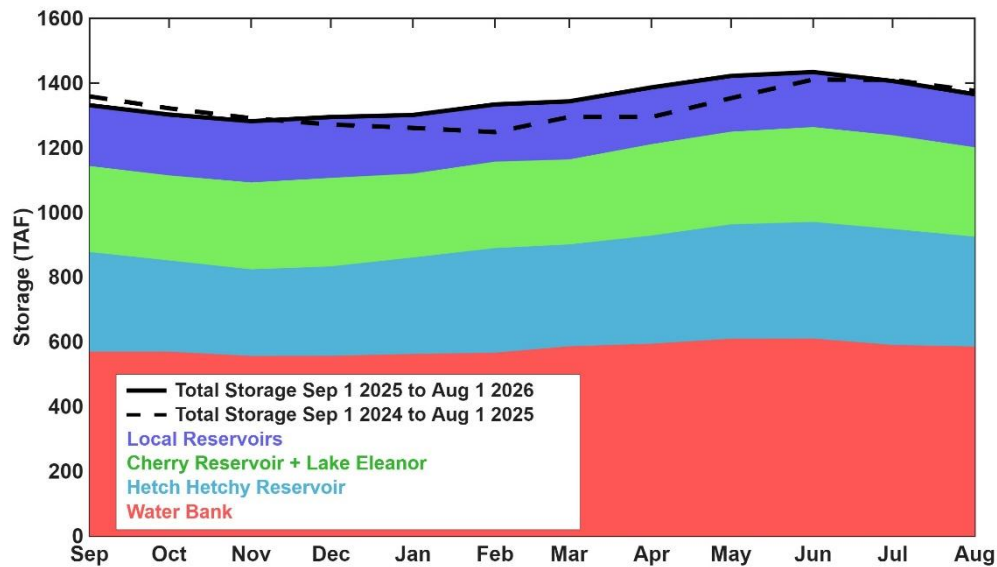


Figure 1: Local and Upcountry Reservoir storage. Color bands show contributions to total system storage. Solid black line shows total system storage for the past 12 months. Dashed black line shows total system storage for the previous 12 months.

Hetch Hetchy System Precipitation Index

Current Month: The July 2026 six-station precipitation index was 0.002 inches, or 7% of the 1991-2020 median July precipitation.

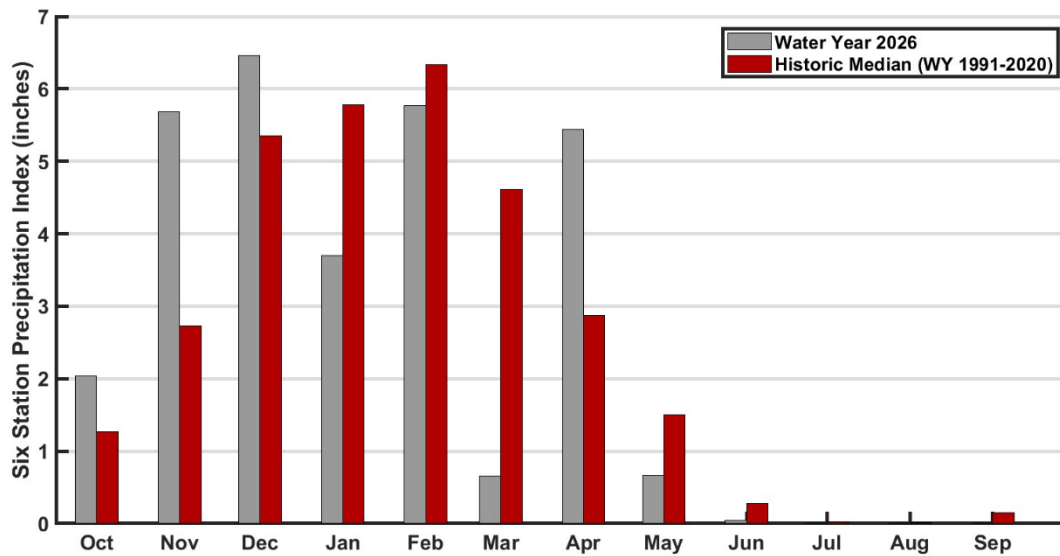


Figure 2: Monthly distribution of the six-station precipitation index relative to the monthly precipitation medians as of August 1. The precipitation index is computed as the average of six Sierra precipitation stations and is an indicator of the overall basin wetness.

Cumulative Precipitation to Date: The cumulative six-station precipitation index for Water Year (WY) 2026 is 30.39 inches, which is 87% of the median to-date. The Hetch Hetchy Weather Station received 0.01 inches of precipitation in July resulting in a total of 31.02 inches for WY 2026, or 91% of the WY median to-date. The cumulative WY 2026 Hetch Hetchy Weather Station precipitation is shown in Figure 3 in red.

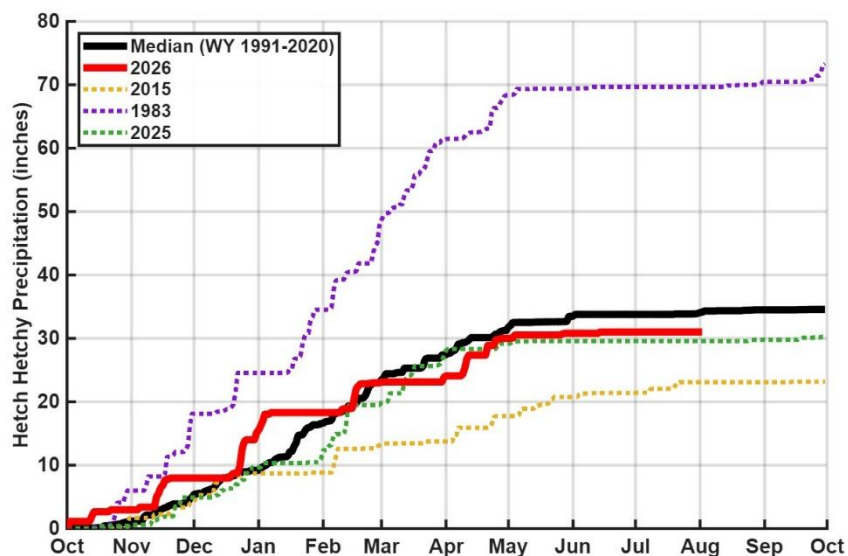


Figure 3: Water Year 2026 cumulative precipitation measured at Hetch Hetchy Weather Station as of August 1. Median cumulative precipitation measured at Hetch Hetchy Weather Station and example wet and dry years are included with Water Year 2025 for comparison purposes.

Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange for July 2026 and Water Year 2026 is summarized below in Table 2.

Table 2. Calculated reservoir inflows and Water Available to City								
All flows are in acre-feet ¹	July, 2026				October 1, 2025 through July 31, 2026			
	Observed Flow	Median ¹	Mean ¹	Percent of Mean	Observed Flow	Median ¹	Mean ¹	Percent of Mean
Inflow to Hetch Hetchy Reservoir	9,741	29,426	78,013	12%	583,033	692,727	744,347	78%
Inflow to Cherry Lake and Lake Eleanor	0	10,474	31,067	0%	403,936	462,114	499,745	81%
Tuolumne River at LaGrange	32,188	55,975	131,032	25%	1,428,744	1,636,705	1,900,776	75%
Water Available to City	0	653	61,127	0%	393,533	579,119	868,533	45%

¹Hydrologic Record: 1991-2020

Hetch Hetchy System Operations

Water deliveries via the San Joaquin Pipeline (SJPL) were 220 MGD throughout the month of July.

Hetch Hetchy Reservoir power draft and stream release totaled 29,236 acre-feet during the month of July. The required minimum instream release during July was 110 cfs (Year Type B) and will remain at 110 cfs during August (Year Type B).

Cherry Reservoir power draft and stream release totaled 11,927 acre-feet during the month of July. The required minimum instream release for July was 15 cfs and will remain at 15 cfs for August.

Lake Eleanor stream release totaled 1,307 acre-feet during the month of July. No water was transferred to Cherry Reservoir via the Cherry-Eleanor Pumping Station. The required minimum instream release for July was 20 cfs and will remain at 20 cfs during August.

Regional System Treatment Plant Production

The Harry Tracy Water Treatment Plant production rate for the month was 30 MGD. The Sunol Valley Water Treatment Plant was online for only two days and produced 13 MG.

Regional System Water Delivery

The average July delivery rate was 229 MGD which is a 2.2% increase compared to the June delivery rate of 224 MGD.

Local Precipitation

The rainfall summary for July 2026 and Water Year 2026 is presented in Table 3.

Weather Station Location	July 2026		October 1, 2025 through July 31, 2026	
	Total (inches)	Percent of Mean for the Month	Total (inches)	Percent of Mean for the Year-To-Date
Pilarcitos Reservoir	0.00	100%	37.38	112%
Lower Crystal Springs Reservoir	0.00	100%	29.46	133%
Calaveras Reservoir	0.00	100%	21.81	121%

*Mean Period = WY 1991-2020

Snowpack, Water Supply and Planned Water Supply Management

Temperatures and precipitation were near seasonal average conditions in the Tuolumne River Basin during July. Warm temperatures with low humidity and moderate winds contributed to overall basin dryness in early July. Rolling waves of monsoonal moisture in mid-July brought low-elevation humidity and sporadic high-elevation thunderstorms. Stable hot and dry conditions began to re-establish toward the end of July. Unimpaired flow at La Grange remained below the Districts' maximum entitlement throughout the month. As such, no Water Available to the City (WAC) was observed in July (Figure 4).

Hetch Hetchy Reservoir is drafting via instream releases and Kirkwood Powerhouse power draft to match deliveries to the SJPL and Moccasin fish hatchery. Cherry Reservoir is drafting via minimum instream releases and scheduled Holm Powerhouse power draft to provide recreational releases and meet Fall storage targets. Lake Eleanor is drafting via minimum instream releases. The Cherry-Eleanor Pumps have remained deactivated since June 26th and are planned to be turned on in early August, targeting a Lake Eleanor storage of 22,000 acre-feet to accommodate construction activities. Power draft from Hetch Hetchy Reservoir will continue to match deliveries through the summer and early autumn. Power draft from Cherry Reservoir will decrease significantly after Labor Day. Water Bank is expected to remain full or debit slightly through autumn.

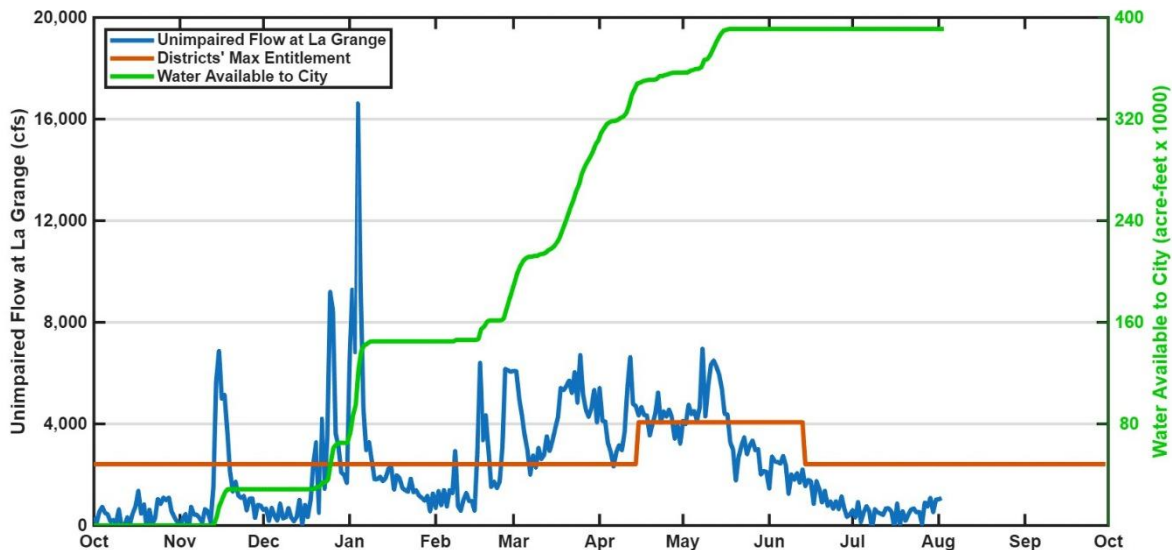


Figure 4: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City.

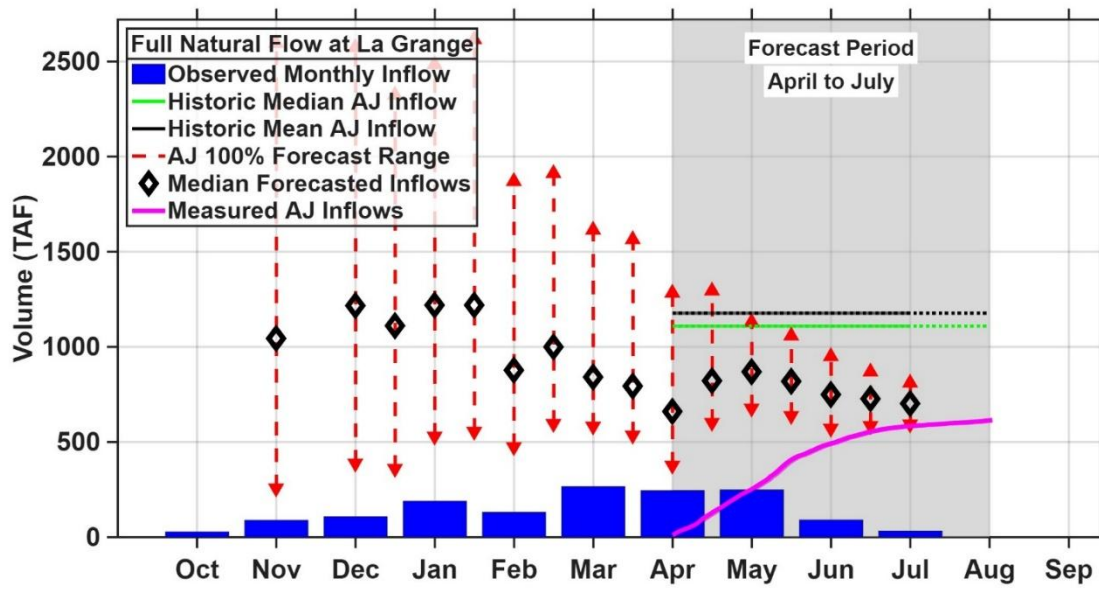


Figure 5: Water Supply Forecast Model of runoff (April to July) on the Tuolumne River at La Grange. This model is driven by precipitation from October to February, and by snow survey data from February through June. The forecast range decreases as time passes due to reduced potential future precipitation.