

San Francisco Public Utilities Commission

Hydrological Conditions Report

August 2026

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View looking downstream at O'Shaughnessy Dam spillway during September 1st California Division of Safety of Dams (DSOD) inspection. Inspections and maintenance have been underway at dams, powerhouses, and valves throughout the upcountry system as the summer season closes.

System Storage

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

Table 1. Current System Storage as of September 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	311,876		360,360		48,484		87%
Cherry Reservoir ²	240,080		268,811		28,731		89%
Lake Eleanor ³	20,954		27,100		6,146		77%
Water Bank	570,000		570,000		0		100%
Tuolumne Storage	1,142,910		1,226,271		83,361		93%
Local Bay Area Storage							
Calaveras Reservoir	58,367	19,019	96,670	31,500	38,303	12,481	60%
San Antonio Reservoir	42,934	13,990	52,506	17,109	9,572	3,119	82%
Crystal Springs Reservoir	41,314	13,462	68,743	22,400	27,430	8,938	60%
San Andreas Reservoir	15,940	5,194	18,898	6,158	2,958	964	84%
Pilarcitos Reservoir	1,808	589	3,118	1,016	1,310	427	58%
Total Local Storage	160,363	52,254	239,936	78,183	79,573	25,929	67%
Total System	1,303,273		1,466,206		162,933		89%

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.

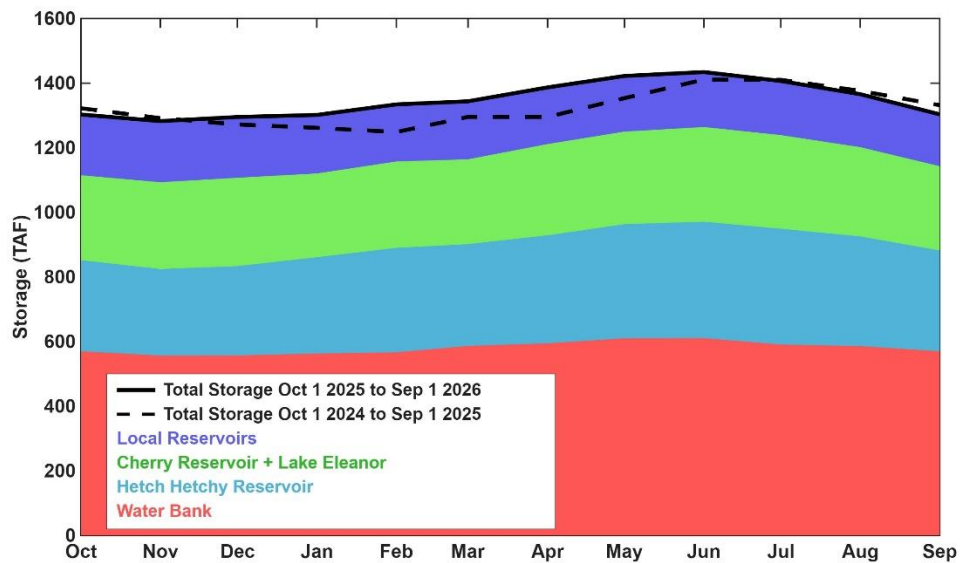


Figure 1: Local and Upcountry Reservoir storage. Color bands show contributions to total system storage. Solid black line shows total system storage for the past 12 months. Dashed black line shows total system storage for the previous 12 months.

Hetch Hetchy System Precipitation Index

Current Month: The August 2026 six-station precipitation index was 0.02 inches, or 200% of the 1991-2020 median August precipitation.

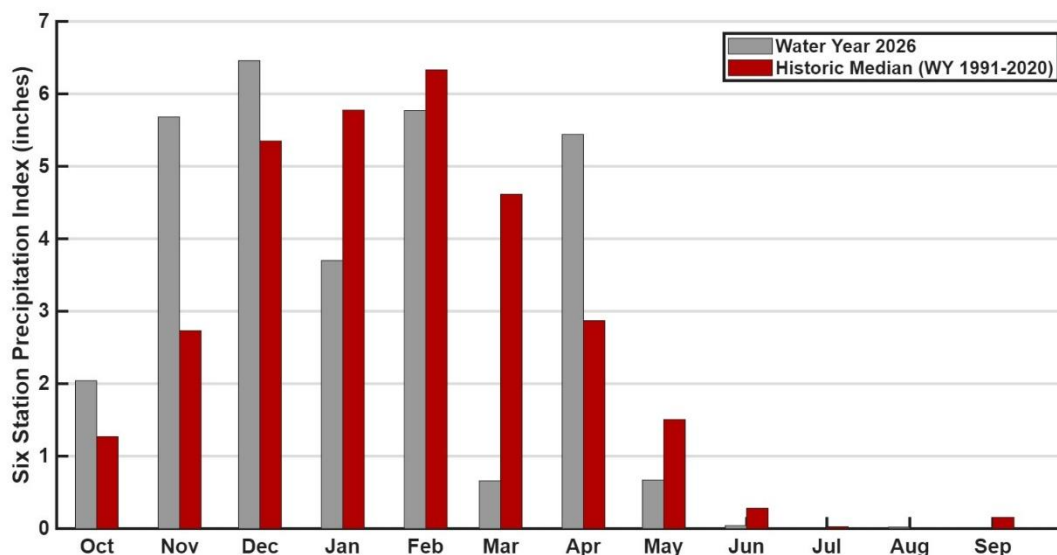


Figure 2: Monthly distribution of the six-station precipitation index relative to the monthly precipitation medians as of September 1. The precipitation index is computed as the average of six Sierra precipitation stations and is an indicator of the overall basin wetness.

Cumulative Precipitation to Date: The cumulative six-station precipitation index for Water Year (WY) 2026 is 30.45 inches, which is 86% of the median to-date. The Hetch Hetchy Weather Station received 0.08 inches of precipitation in August resulting in a total of 31.10 inches for WY 2026, or 90% of the WY median to-date. The cumulative WY 2026 Hetch Hetchy Weather Station precipitation is shown in Figure 3 in red.

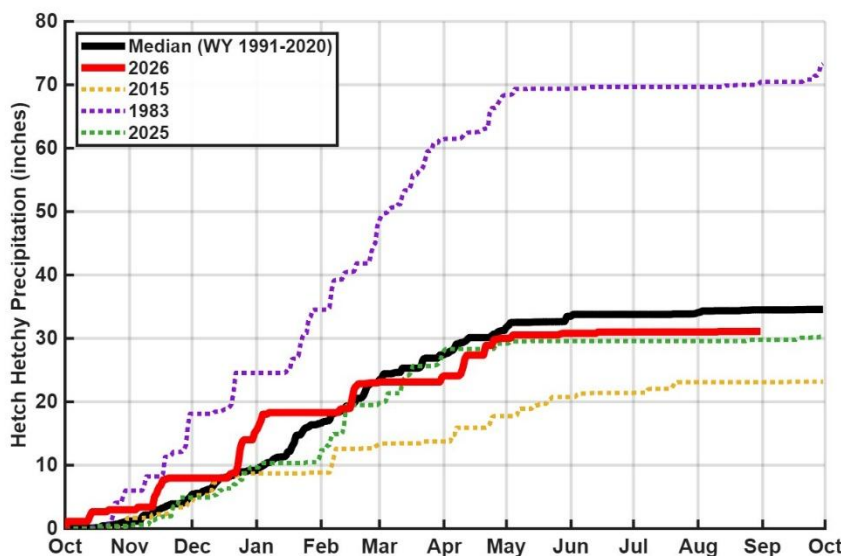


Figure 3: Water Year 2026 cumulative precipitation measured at Hetch Hetchy Weather Station as of September 1. Median cumulative precipitation measured at Hetch Hetchy Weather Station and example wet and dry years are included with Water Year 2025 for comparison purposes.

Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange for August 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	August, 2026				October 1, 2025 through August 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	1,884	5,262	13,011	14%	584,918	701,700	756,455	77%
Inflow to Cherry Lake and Lake Eleanor	0 ²	2,325	4,561	0%	403,936	464,076	503,655	80%
Tuolumne River at LaGrange	11,286	16,872	28,918	39%	1,440,030	1,653,577	1,930,331	75%
Water Available to City	0	0	1,636	0%	393,533	580,260	870,168	45%

¹Hydrologic Record: 1991-2020

²Evaporation losses exceeded total real inflows resulting in a net negative monthly inflow via mass balance calculations.

Hetch Hetchy System Operations

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

Hetch Hetchy Reservoir power draft and stream release totaled 29,480 acre-feet during the month of August. The required minimum instream release during August was 110 cfs (Year Type B). It reduces to 80 cfs on September 1st and again to 65 cfs on September 15th (Year Type B).

Cherry Reservoir power draft and stream release totaled 12,928 acre-feet during the month of August. The required minimum instream release for August was 15 cfs and will remain at 15 cfs for September.

Lake Eleanor stream release totaled 1,333 acre-feet during the month of August. 2,648 acre-feet of water was transferred to Cherry Reservoir via the Cherry-Eleanor Pumping Station. The required minimum instream release for August was 20 cfs. It will remain at 20 cfs through September 15th, reducing to 10 cfs on September 16th.

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 offline and produced 0 MG.

Regional System Water Delivery

The average August delivery rate was 229 MGD which shows no change from the July delivery rate of 229 MGD.

Local Precipitation

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

Weather Station Location	August 2026		October 1, 2025 through August 31, 2026	
	Total (inches)	Percent of Mean for the Month	Total (inches)	Percent of Mean for the Year-To-Date
Pilarcitos Reservoir	0.08	267%	37.46	112%
Lower Crystal Springs Reservoir	0.05	100%	29.51	134%
Calaveras Reservoir	0.00	0%	21.81	121%

*Mean Period = WY 1991-2020

Water Supply and Planned Water Supply Management

Conditions in the Tuolumne River Basin were characteristically dry during August with temperatures slightly above seasonal average. A stable pattern of hot and dry conditions at the beginning of the month was interrupted in mid-August by a low-pressure system delivering cooler temperatures and modest upcountry precipitation. Warm and dry conditions re-established in late August but were again interrupted by a low-pressure system delivering sharp cooling and modest precipitation at the end of the month.

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 August (Figure 4). Inflows to SFPUC reservoirs were similarly low. Hetch Hetchy Reservoir is drafting via instream releases and Kirkwood Powerhouse power draft to match deliveries to the SJPL and Moccasin Fish Hatchery. Power draft from Hetch Hetchy Reservoir will continue to match deliveries during September. Cherry Reservoir is drafting via minimum instream releases and scheduled Holm Powerhouse power draft to provide recreational releases through Labor Day. Holm Powerhouse will then remain offline until active weather resumes. Lake Eleanor is drafting via minimum instream releases. The Cherry-Eleanor Pumps were activated for nine days in early August, targeting a Lake Eleanor storage of 22,000 acre-feet to accommodate construction activities. The pumps are planned to be reactivated after Labor Day, targeting a reservoir storage of 18,000 acre-feet on September 30th. Water Bank is expected to remain full or debit slightly through September.

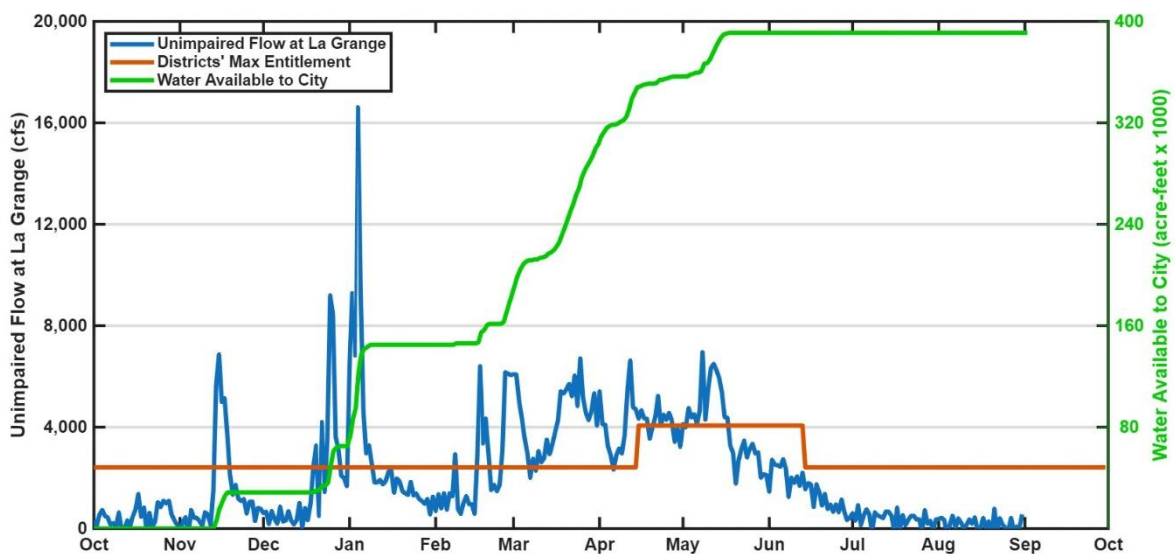


Figure 4: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City.