



City of Napa
2026-27
Water Supply and Demand Assessment



Assessment Period July 2026 through June 2027
For Submission to California Department of Water Resources (DWR) by July 1, 2026

The City of Napa Water Supply and Demand Assessment for the period July 2026 through June 2027 is defined in the following tables as required by the California Department of Water Resources (DWR). This fifth annual assessment of anticipated demands and available water supplies must be submitted to DWR by July 1, 2026.

Water Demands. The information in Table 2 represents baseline water demands inclusive of the City's permanent water waste prohibitions and conservation programs listed in Table 5. Demands reflect an approximate 3% increase above 2025-26 actuals. Residential, commercial, and agricultural demands are expected to grow slightly, while commercial landscape irrigation is expected to remain flat, as post-drought trends have become settled and new state regulations may inhibit additional irrigation use. The demands listed are unconstrained by additional actions that would be taken during an officially declared water shortage (Level 1-6).

Water Supplies. The water supply information in Table 3 reflects stable post-drought scenarios for both local and imported sources. State Water Project supplies are bolstered by significant unused carryover water from previous years, and with a final 2026 North of Delta allocation of 60%, additional carryover supply will become available in 2027. State Water is limited during March due to North Bay Aqueduct annual maintenance. Winter storms filled the two local reservoirs for the fourth straight year. Lake Hennessey remains above 95% capacity as of early June 2026. Milliken Reservoir will remain unused for the entire period, as the City replaces and hardens the raw water pipeline damaged in the 2017 Atlas Fire.

As shown in Table 4, the City of Napa projects no water shortages in 2026-27.

The City of Napa declared an end to its most recent water shortage emergency back in April 2023. Subsequently the City adopted permanent water waste prohibitions that remain in effect even when no water shortage is officially declared. Table 5 is a list of actions that the City continues to implement year-round, including water conservation incentives for customers.

While the current outlook is a welcome respite from the major 2020-2023 and 2013-2016 droughts, the City understands the volatility of California's climate and is committed to "Making Water Conservation a Way of Life" by meeting its water use targets under SB 606/AB 1668. Demand on the City water system is projected to remain well below 132 gallons per capita per day as required by its Urban Water Use Objective.

Table 1. Annual Assessment Information	
Type of Supplier (Required to check one or two)	
Supplier is a Wholesaler	<input type="checkbox"/>
Supplier is a Retailer	<input checked="" type="checkbox"/>
If you are both a wholesaler and retailer, will you be submitting two separate reports or a combined report?	Number of Reports
Year Covered By This Shortage Report (Required)	
Start: July 1,	2026
End: June 30,	2027
Volume Unit for Reported Supply and Demand: <i>(Must use the same unit throughout)</i>	AF
Supplier's Annual Assessment Planning Cycle (Required)	
Start Month:	July
End Month:	June
Data Interval:	Monthly (12 data points per year)
Water Supplier's Contact Information (Required)	
Water Supplier's Name:	City of Napa
Contact Name:	Patrick Costello
Contact Title:	Water Resources Analyst
Street Address:	1700 Second Street, Suite 100
ZIP Code:	94559
Phone Number:	(707)257-9309
Email Address:	pcostello@cityofnapa.org
Report Preparer's Contact Information <i>(if different from above)</i>	
Preparer's Organization Name:	
Preparer's Contact Name:	
Phone Number:	(XXX)XXX-XXXX
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	City of Napa Water Shortage Contingency Plan
WSCP Adoption Date	6/16/2026
Other Annual Assessment Related Activities	
Activity	Timeline/ Outcomes / Links / Notes
Annual Assessment/ Shortage Report Title:	2026-27 Water Supply and Demand Assessment
Annual Assessment / Shortage Report Approval Date:	6/2/2026
Other Annual Assessment Related Activities:	Optional
(Add rows as needed)	

Table 2: Water Demands ¹																
Use Type			Start Year:	2026	Volumetric Unit Used ² :										AF	
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies Drop-down list	Projected Water Demands - Volume ³													Total by Water Demand Type
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
Demands Served by Potable Supplies																
All Demands			1480	1530	1300	1010	730	710	710	660	940	910	1290	1350	12620	
															0	
															0	
															0	
															0	
															0	
															0	
															0	
															0	
Total by Month (Potable)			1480	1530	1300	1010	730	710	710	660	940	910	1290	1350	12620	
Demands Served by Non-Potable Supplies																
															0	
															0	
															0	
															0	
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0	

Notes: 2026-27 assumes total annual demand experiences linear increase toward the 2030 total in 2025 UWMP projections. Slight residential, CII, and Ag demand growth, with CII Landscape flat or declining due to AB 1572, etc. Monthly demands are projected about 3% higher than 2025-26 actuals and include contracted volumes to be delivered to St. Helena. These baseline demands are inclusive of the City's permanent water waste prohibitions and conservation programs listed in Table 5. They are unconstrained by additional actions that would be taken during a declared shortage (Level 1-6).

¹Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.
²Units of measure (AF, CCF, MG) must remain consistent.
³When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand													0
Two years ago total demand													0
Three years ago total demand													0
Four years ago total demand													0

Table 4(P): Potable Water Shortage Assessment ¹	Start Year: 2026					Volumetric Unit Used ² :						AF	Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	
Anticipated Unconstrained Demand	1480.0	1530.0	1300.0	1010.0	730.0	710.0	710.0	660.0	940.0	910.0	1290.0	1350.0	12620.00
Anticipated Total Water Supply	2150.0	2250.0	2150.0	2500.0	1550.0	1550.0	1250.0	1150.0	1500.0	1850.0	1850.0	1950.0	21700.00
Surplus/Shortage w/o WSCP Action	670.0	720.0	850.0	1,490.0	820.0	840.0	540.0	490.0	560.0	940.0	560.0	600.0	9,080.0
% Surplus/Shortage w/o WSCP Action	45%	47%	65%	148%	112%	118%	76%	74%	60%	103%	43%	44%	72%
State Standard Shortage Level	0	0	0	0	0	0	0	0	0	0	0	0	0

Planned WSCP Actions ⁴													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	670.0	720.0	850.0	1490.0	820.0	840.0	540.0	490.0	560.0	940.0	560.0	600.0	9080.0
% Revised Surplus/Shortage with WSCP	45%	47%	65%	148%	112%	118%	76%	74%	60%	103%	43%	44%	72%

¹Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.
²Units of measure (AF, CCF, MG) must remain consistent.
³When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.
⁴If you enter any WSCP Benefits, then you must enter the corresponding planned Actions into Table 5.

= Auto calculated	
= From prior tables	
= For manual input	

Table 4(NP): Non-Potable Water Shortage Assessment ¹	Start Year: 2026					Volumetric Unit Used ² :						AF	Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													

Planned WSCP Actions ⁴													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

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²Units of measure (AF, CCF, MG) must remain consistent.
³When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.
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