



Water Resources Management Group

● **Report on Water Surplus and Drought Management Conditions as of 11/5/2025**

Summary

This report provides highlights for water year (WY) 2024-2025 hydrologic conditions, and an accounting of water supply, demand, and storage balance projections for calendar year (CY) 2025, as of November 5, 2025. Updated supply and hydrologic information will be provided during the December oral report.

2025 Highlights:

The Western United States continued to experience varied hydrologic conditions in WY 2024-2025, following the average conditions of WY 2023-2024. The following are notable highlights for the year:

Colorado River Aqueduct Supplies

- Below normal snowpack (87 percent of normal) and precipitation (84 percent of normal) in the Upper Colorado River Basin and below normal inflows into Lake Powell (49 percent of normal).
- To help protect storage in Lake Mead, Metropolitan and its partners continued to turn over several Colorado River supply programs to the United States Bureau of Reclamation under the Lower Colorado Conservation Program to keep water in Lake Mead as system water.
- In 2026, a Level 1 Shortage will govern the operation of Lake Mead. There are no impacts to Metropolitan at a Level 1 Shortage, and no Drought Contingency Plan Contributions will be required.

State Water Project Supplies

- Above normal Northern Sierra snowpack (118 percent of normal) and Northern Sierra 8-Station Index precipitation (106 percent of normal), and above normal runoff into the Sacramento River (115 percent of normal).
- The State Water Project Table A Allocation is 50 percent.
- In Fall 2024, Golden Mussels, an invasive species, were first detected in the State Water Project. In September 2025, Golden Mussel veligers were detected in Silverwood Lake. Due to the presence of golden mussels at Silverwood Lake, Los Angeles County Public Works requested that replenishment deliveries to the San Gabriel Basin be paused. In addition, Metropolitan deliveries to Diamond Valley Lake were deferred as the lake was over 95 percent full.

Demands on Metropolitan

- The projected member agency demand on Metropolitan (i.e., combined consumptive and replenishment demand) is 1.25 MAF, about 26 percent less than the previous 20-year average (2005-2024).

Water Management Tools

- Pre-delivered water to local storage managed by its member agencies through the Cyclic Program.
- Metropolitan plans to add around 70 TAF to its State Water Project Carryover storage.
- SWP water sales to external agencies to manage surplus supplies.
- Continued making exchange deliveries to the San Luis Rey Settlement Parties, and contributions to the Coachella Valley Water District’s exchange agreement related to the 2nd and 3rd Amendments and USBR Phase 2 of the Lower Colorado River Basin System Conservation and Efficiency Program.
- Stored surplus supply in Metropolitan’s dry-year storage programs. Metropolitan’s dry-year storage reserves at the end of CY 2025 are projected to be approximately 3.8 million acre-feet (MAF), maintaining a near record-high storage balance for Metropolitan.

Purpose

Informational

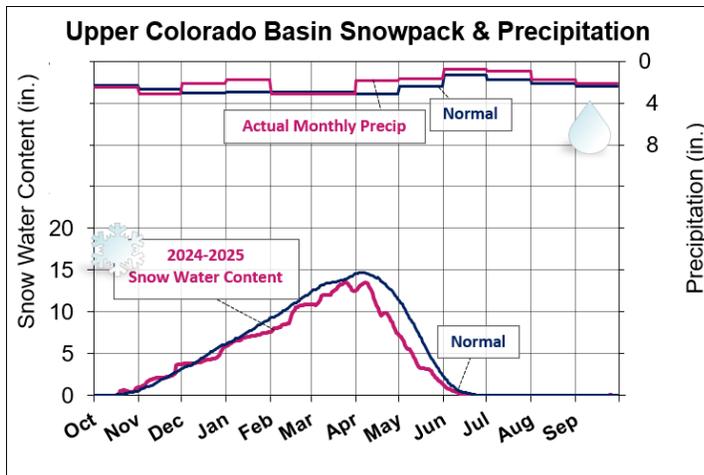
Attachments

Attachment 1: Projected 2025 WSDM Storage Detail (50 percent SWP Table A Allocation)

Attachment 2: Future Contributions and Obligations and Cyclic Program

Detailed Report

This Water Surplus and Drought Management (WSDM) report summarizes the hydrologic conditions for WY 2024-2025 and provides the water supply and demand conditions for CY 2025 as of November 5, 2025.

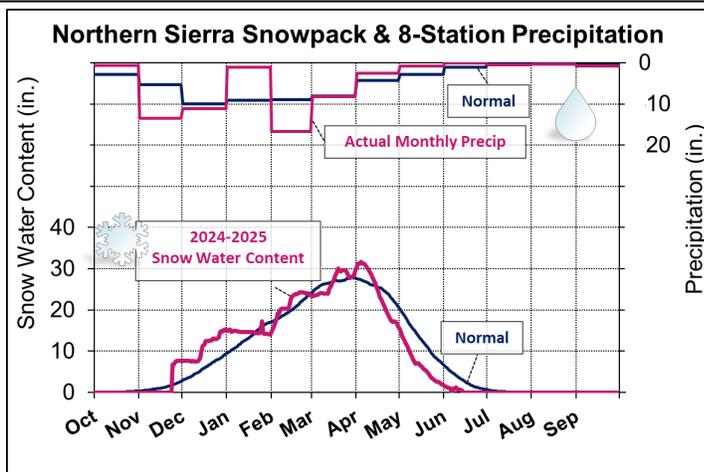
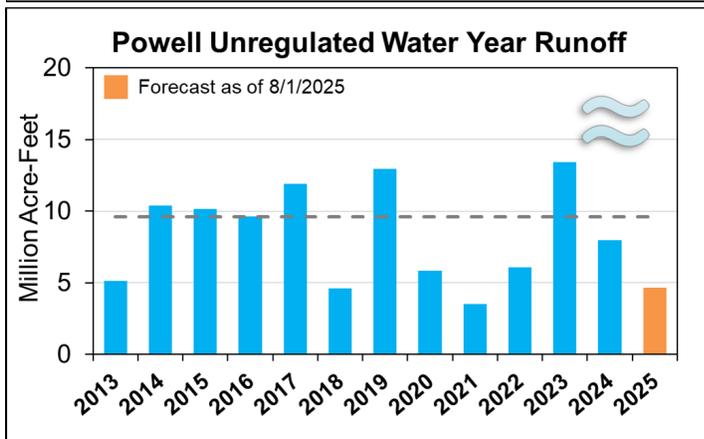


Upper Colorado River Basin

✳ Below normal peak snowpack water content on March 24, 2025: 16.7 inches or 87% of April 1 normal.

◆ Normal precipitation: 24.97 inches or 84% of normal.

≈ Below normal runoff into Lake Powell: 4.7 MAF or 49% of normal.

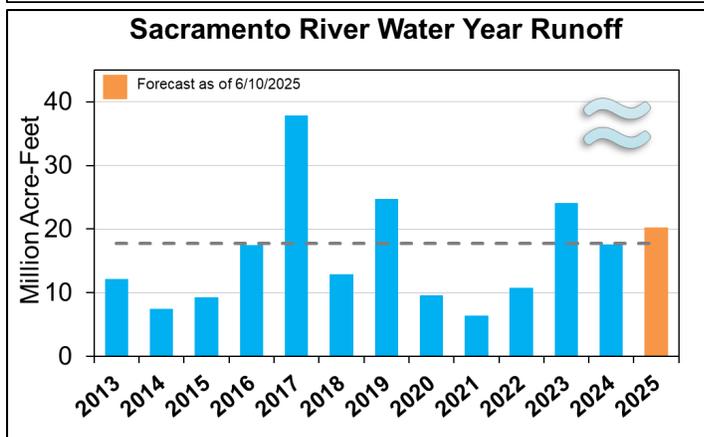


Sacramento River Basin

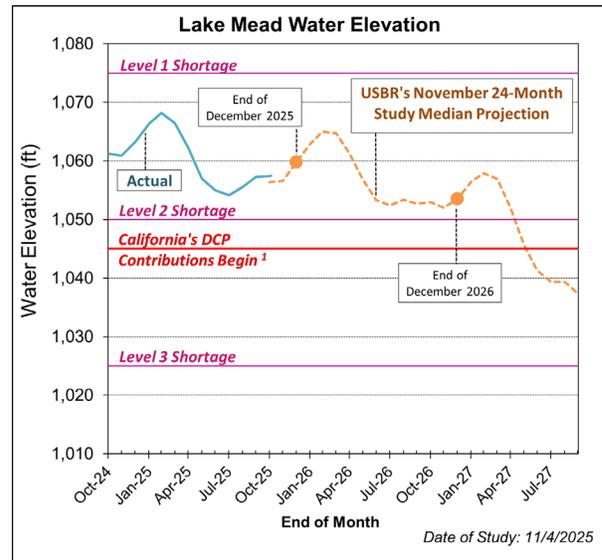
✳ Peak snowpack water content on April 4, 2025: 31.7 inches or 118% of April 1 normal.

◆ Near normal precipitation: 56.6 inches or 106% of normal.

≈ Above normal runoff into the Sacramento River: 20.1 MAF or 115% of normal.



CRA Supplies	Acre-Feet
Basic Apportionment	550,000
IID/MWD Conservation Program	105,000
CVWD - 2nd Amendment, Exchange of Additional Water	32,000
PVID Following Program ¹	0
Exchange w/ SDCWA (IID/Canal Lining)	278,000
Exchange w/ USBR (San Luis Rey Tribe)	16,000
Lower Colorado Water Supply Project	9,000
Bard Seasonal Following Program ¹	0
Quechan Diversion Forbearance ¹	0
Quechan Seasonal Following Program ²	0
Higher Priority Water Use Adjustment	8,000
Total CRA Supplies³	998,000



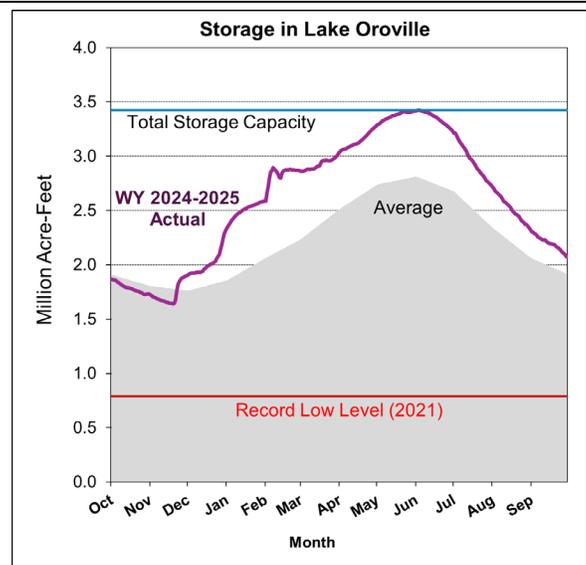
¹ Not a supply for Metropolitan in 2025. Water generated from these programs becomes system water as part of USBR's Lower Colorado Conservation Program to help protect Lake Mead.
² Rounded to the nearest thousand. Supply estimate is 270 AF.
³ Per USBR Forecast (11/03/2025). Total may not sum due to rounding. CRA Supply is limited by an operational constraint of 1.25 MAF.

¹ Metropolitan is required to make Drought Contingency Plan (DCP) contributions in the following year if the August 24-month Study projects Lake Mead's elevation to be at or below 1,045 feet on January 1. Since the August 2025 24-month Study projected Lake Mead's elevation to be above 1,045 feet on January 1, 2026, Metropolitan is not required to make DCP contributions in 2026. This figure reflects the latest 24-month study (November 2025) available at the time of this report.

- Lake Mead storage is currently 8.23 MAF or an elevation of 1,057.5 feet (32 percent of total capacity).
- The Lower Basin is at a Level 1 shortage in CY 2025. Under this level, Metropolitan's operations and water supply are not impacted.
- Metropolitan anticipates supply reductions of some magnitude under post-2026 operations. In May 2024, the Lower Basin submitted an alternative that includes California reductions of 440,000 AF under most reservoir conditions; how the reduction would be shared within California is under development.

SWP Supplies	Acre-Feet
Table A (50% SWP allocation)	956,000
Port Hueneme ¹	1,000
Total SWP Supplies ²	957,000
Total Supplies (CRA + SWP) (Prior to storage actions) ²	1,955,000

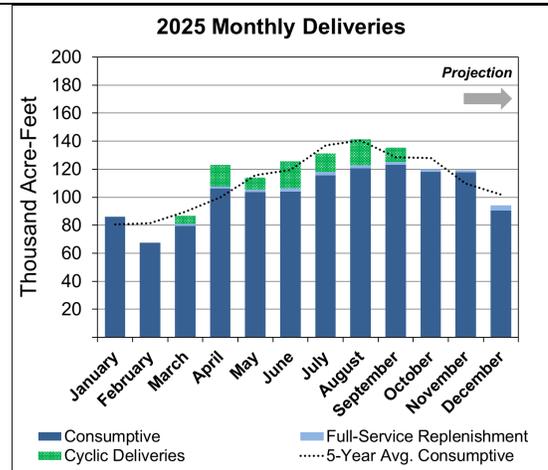
¹ Rounded to the nearest thousand. Supply is 925 AF.
² Total may not sum due to rounding.



- The SWP Table A allocation for CY 2025 is 50 percent.
- Lake Oroville started the water year with 1.87 MAF in storage (55 percent of total capacity or 98 percent of the historical average). By the summer, Lake Oroville reached full capacity. Lake Oroville ended the water year with 2.06 MAF (60 percent of capacity or 108 percent of the historical average).

Current Demand	Acre-Feet
Member Agency Consumptive ¹	1,239,000
Member Agency Replenishment	22,000
Coachella Valley Water District Agreement	
2nd Agreement	50,000
3rd Agreement	172,000
Imperial Irrigation District Return ²	0
Exchange w/ San Luis Rey Tribe	16,000
System and Storage Losses	52,000
Cyclic Deliveries	90,000
2022 Reverse Cyclic Deliveries	0
Bucket 2 Obligations ³	173,000
SWP Water Sales Outside Service Area ⁴	115,000
Total Demands⁵	1,929,000

- ¹ Includes exchange w/SDCWA (IID/Canal Lining) and CUP sales.
- ² Per USBR Forecast (11/03/2025).
- ³ The Bucket 2 obligations demands are estimated as of Nov 2025. The final value will be reported in the USBR Water Accounting Report, expected in May 2026.
- ⁴ Excess SWP supplies were sold externally to the Westside Districts, San Gabriel Valley Municipal Water District, and Semitropic Water Storage District.
- ⁵ Total may not sum due to rounding.

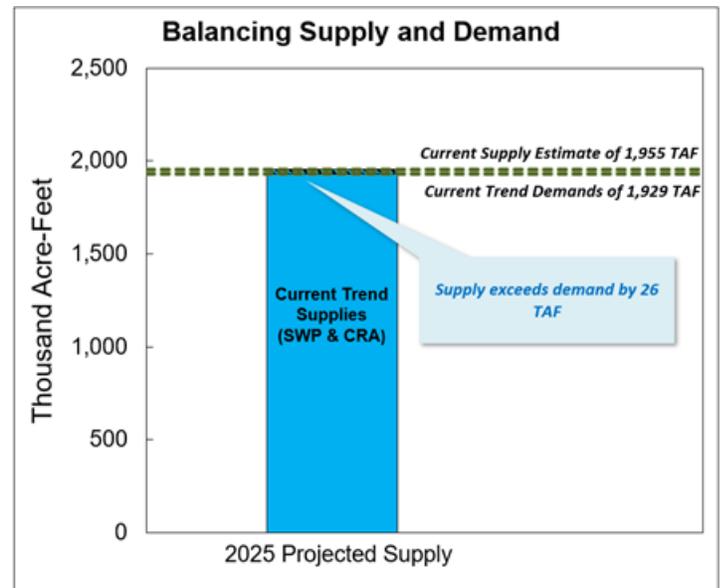


The combined consumptive and replenishment demand on Metropolitan is projected to be 26 percent below the previous 20-year average. With cooler temperatures, summer consumptive demands were below the 5-year average. Cyclic deliveries were paused in late September due to invasive mussel detection.

MANAGING REGIONAL SUPPLY AND DEMAND

Supply/Demand Balance	Acre-Feet
Total Supplies	1,955,000
Total Demands	1,929,000
Current Balance Estimate¹	26,000

¹ Total may not sum due to rounding.



WSDM Strategies/Actions

The following summarizes the WSDM strategies/actions taken to address the estimated supply/demand balance in 2025.

- **Dry-Year Storage:** Metropolitan will manage surplus supplies by putting water into various dry-year storage accounts and will reposition stored water to maximize future drought reliability. Metropolitan is projecting to store an estimated 26 TAF of surplus supplies available in CY 2025 after accounting for projected deliveries to meet obligations. Metropolitan's dry-year storage reserves at the end of CY 2025 are projected to be approximately 3.8 MAF.
- **Cyclic Deliveries:** Metropolitan delivered water to member agencies' local storage through the Cyclic Program. In September 2025, Golden Mussels detection caused a pause to scheduled Cyclic Program deliveries to prevent the spread via raw water deliveries to groundwater recharge basins.
- **SWP Groundwater Banking Deliveries:** Metropolitan has delivered water to the Semitropic Storage Program and is making deliveries to the AVEK Storage Program.
- **Water Sales to External Agencies:** Metropolitan has executed agreements to sell 115 TAF of excess Table A State Water Project water outside the service area to the Westside Districts, San Gabriel Valley Municipal Water District, and Semitropic Water Storage District.
- **Obligation Fulfillment:** Metropolitan prioritized making contributions to several future obligations, including leaving water in Lake Mead as system water creation under Bucket 2 of the Lower Colorado River Conservation and Efficiency Program. In 2024 and 2025, Metropolitan entered into three agreements under Bucket 2 of the program. Metropolitan projects 173 TAF out of the remaining 242 TAF of the obligation will be met in CY 2025. The projected obligation fulfillment is an estimate and subject to revision once the final accounting under USBR's 2025 Water Accounting Report is released in May 2026.
- **State Water Project Carryover:** Metropolitan prioritized San Luis Reservoir carryover to enhance drought reliability for SWP Dependent Area during multi-year droughts. Metropolitan projects to add around 70 TAF to its carryover storage – with a year-end storage target of 450 TAF.

2025 WSDM Storage Detail

WSDM Storage	1/1/2025 Estimated Storage Levels	Net Projected Storage Action Put (+) / Take (-) ¹	Projected End of Year 2025 Balance ²	2025 Total Storage Capacity
Colorado River Aqueduct Delivery System	1,544,000	0	1,544,000	1,622,000
Lake Mead ICS	1,544,000 ³	0	1,544,000	1,622,000 ⁴
State Water Project System	1,163,000	78,000	1,240,000	2,338,000
MWD & DWCV SWP Carryover	380,000	70,000	450,000	529,000 ⁵
MWD Articles 14(b) and 12(e)	3,000 ⁶	-3,000	0	0
Castaic and Perris DWR Flex Storage	219,000	0	219,000	219,000
Arvin-Edison Storage Program	100,000	0 ⁷	100,000	350,000
Semitropic Storage Program	227,000	8,000	235,000	350,000
Kern Delta Storage Program	142,000	0	142,000	250,000
Mojave Storage Program	19,000	0	19,000	330,000
AVEK Storage Program	27,000	3,000	30,000	30,000
AVEK High Desert Water Storage Program	45,000	0	45,000	280,000
In-Region Supplies and WSDM Actions	1,060,000	-21,000	1,038,000	1,151,000
Diamond Valley Lake	788,000	-25,000	763,000	810,000
Lake Mathews and Lake Skinner	188,000	10,000	198,000	226,000
Conjunctive Use Programs ⁸	84,000	-7,000	77,000	115,000
Other Programs	762,000	-30,000	732,000	1,181,000
Other Emergency Storage	381,000	0	381,000	381,000
DWCV Advanced Delivery Account	381,000	-30,000	351,000	800,000
Total	4,529,000	26,000	4,554,000	6,292,000
Emergency	750,000	0	750,000	750,000
Total WSDM Storage (AF)⁹	3,779,000	26,000	3,804,000	5,542,000

¹ Put capacity assumed under a 50 percent SWP Table A Allocation. Storage program losses included where applicable.

² Preliminary end-of-year balances, subject to DWR adjustments and USBR final accounting in May 2026.

³ This amount is net of the water Metropolitan stored for IID in Lake Mead in an ICS sub-account.

⁴ This storage capacity is net of the water Metropolitan stored for IID in Lake Mead in an ICS sub-account.

⁵ Total storage capacity varies year-to-year as the contractual annual storage limit, based on the SWP Table A allocation, is combined with the remaining balance from the previous year. There is a potential risk that Metropolitan's stored water may be converted to SWP water if the San Luis Reservoir approaches full capacity.

⁶ DWR has approved carryover supplies under Article 14(b) of the State Water Project Contract for delivery in 2025.

⁷ Puts are limited due to water quality considerations.

⁸ Total of active CUP programs, including IEUA/TVMWD (Chino Basin); Three Valleys (Upper Claremont); and Western (Lake Elsinore). On April 8, 2025, the Board authorized the termination of six inactive CUP agreements, effectively decreasing the CUP storage capacity to 115,000 AF on July 1, 2025. The balance decrease is for the extraction of stored water within the terminated Long Beach CUP agreement.

⁹ Total WSDM Storage level subject to change based on accounting adjustments. Total may not sum due to rounding.

Future Contributions and Obligations and Cyclic Programs

Table 1: Future Obligations ¹

Description	Beginning of Year 2025 Balance	Projected End of Year 2025 Balance
Water Stored for IID under the California ICS Agreement and its Amendment, and the 2021 Settlement Agreement with IID	215,000 ²	207,000 ³
Storage and Interstate Release Agreement with Southern Nevada Water Authority (SNWA)	330,000 ⁴	330,000
Coachella Valley Water District Agreement (CVWD)	70,000 ⁵	35,000
USBR Phase 2 of the Lower Colorado River Basin System Conservation and Efficiency Program (Bucket 2 Obligations)	242,000 ⁶	70,000
Total (AF) ⁷	857,000	642,000

¹ Rounded to the nearest thousand AF. Subject to change based on accounting adjustments.

² Reflects final accounting under USBR's 2024 Water Accounting Report released May 15, 2025. IID can request a return in any year, conditional on agreement terms. The updated Beginning of Year Balance excludes the IID ICS sub-account water.

³ Reflects the anticipated Beginning of Year 2026 balance after system assessment & evaporation charge losses.

⁴ SNWA is not expected to call upon Metropolitan to return water until after 2026. SNWA may request up to 30,000 AF per year.

⁵ Obligation must be met by the end of 2026. Metropolitan is projecting to decrease the CVWD agreement obligation by 35,000 AF by the end of this year.

⁶ USBR will provide federal funding to Metropolitan for the AVEK HDWB System Conservation Project, Turf Replacement System Conservation Project, and Disadvantaged Communities Leak Detection and Repair Program through three System Conservation Implementation Agreements (SCIA). In exchange, Metropolitan will implement the projects and create conserved water to benefit Lake Mead as system water. 265,000 AF of the obligation must be met by 2033 and 4,000 AF must be met by 2034. The projected EOY Balance is an estimate and subject to revision once the final accounting under USBR's 2025 Water Accounting Report is released in May 2026.

⁷ Total may not sum due to rounding.

Table 2: Potential Magnitude of California's Drought Contingency Plan Contribution

	2026
Likelihood of Required California Drought Contingency Plan Contribution ¹	0%
Average Metropolitan DCP Contribution When Contributions Are Required (AF)	0

¹ Results from USBR's October 2025 Colorado River Mid-Term Modeling System (CRMMS) model run.

Table 3: Cyclic Program Activity ¹

CY	Starting Balance (AF)	CY Actions (AF)				Ending Balance (AF)
		Cyclic Pre-Delivery	Cyclic Cost-Offset Pre-Delivery	Total Pre-Delivery	Sale Out of Cyclic to Date	
2025	74,000	90,000	0	90,000	1,000 ²	164,000

¹ This table is updated with actual Cyclic Program activity reflecting certifications through October 2025. Total may not sum due to rounding.

² Rounded to the nearest thousand. Sale out of Cyclic to Data is 600 AF.