



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Board Report

Water Resources Management Group

● **Water Surplus and Drought Management Update** **Conditions as of 4/10/2025**

Summary

This report provides the monthly update in accounting for water supply, demand, and storage conditions for calendar year (CY) 2025 as of April 10, 2025. This report also tracks the water year (WY) 2024-2025 hydrologic conditions. Updated supply and hydrologic information will be provided during the oral report in May.

On March 25, 2025, the California Department of Water Resources (DWR) increased the State Water Project (SWP) Table A Allocation from 35 percent to 40 percent due to wet and cold storms in late February and early March. This brings Metropolitan's currently allocated SWP supplies to 765 thousand acre-feet (TAF). Further increases to the SWP allocation are expected and supported by improved hydrologic conditions that have occurred since the allocation study supporting the 40 percent allocation was released in late March. DWR will provide the next allocation study in late April. Metropolitan's Colorado River supply is currently estimated at 807 TAF. This reflects: (1) agreements that have been signed under the Lower Colorado River Basin System Conservation and Efficiency Program to leave water in Lake Mead; and (2) the United States Bureau of Reclamation's (USBR) daily forecast of water use for California's Colorado River water users for this year, which will change as the year progresses. Combining both supply estimates, Metropolitan's imported supply is estimated to be 1.57 million acre-feet (MAF) for CY 2025 at current allocation levels.

The demand estimate on Metropolitan is 1.55 MAF. This includes member agency consumptive and replenishment demands, obligations, losses, and cyclic deliveries to participating member agencies through the Cyclic Program. As a water management tool, the Cyclic Program allows Metropolitan to pre-deliver available water supplies to member agencies' in-region storage accounts and allows these agencies to purchase the delivered supplies over an agreed-upon schedule. These deliveries are accounted for as an increase in demands on Metropolitan in the year deliveries are made. Metropolitan plans to deliver 147 TAF of water to participating member agencies' cyclic accounts. Even with the demand from the Cyclic Program, the current supply estimate exceeds current trend demands, and Metropolitan is projecting a surplus of 27 TAF to manage this year at the regional level. Options to manage surplus supplies include making additional cyclic deliveries to member agencies, storing water in Metropolitan's storage accounts, including storage accessible by the SWP Dependent Area, and selling water to interested parties outside the service area.

Purpose

Informational

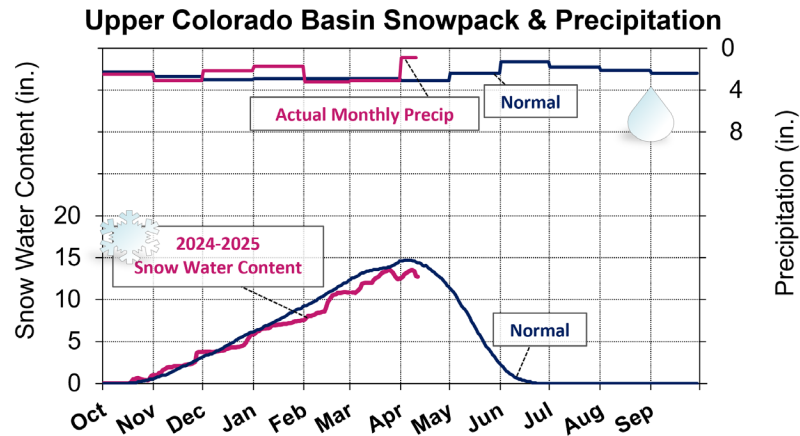
Attachments

Attachment 1: Projected 2025 WSDM Storage Detail (40 percent SWP Table A allocation)

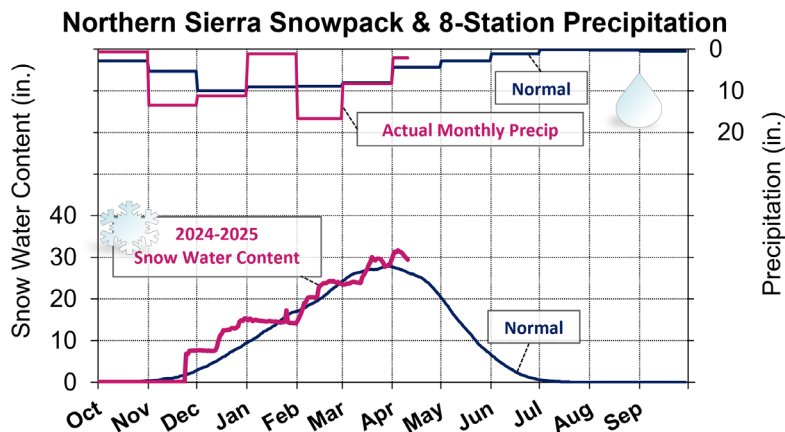
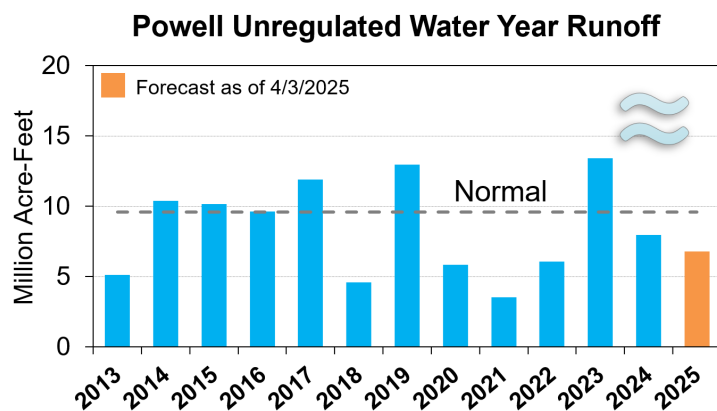
Attachment 2: Future Contributions and Obligations and Cyclic Program

Detailed Report

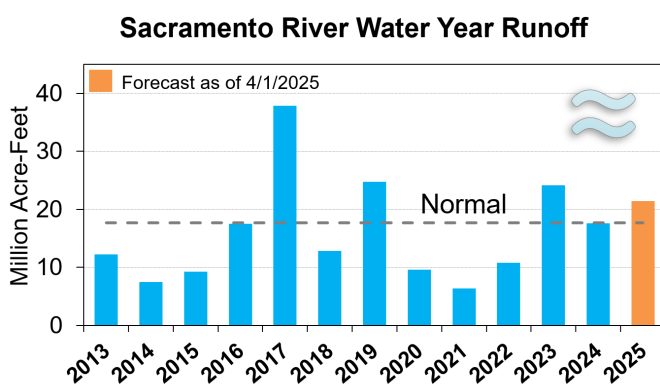
This Water Surplus and Drought Management (WSDM) report provides the water supply and demand estimates for CY 2025 and tracks the hydrologic conditions for WY 2024-2025.

**Upper Colorado River Basin**

- ❄ Peak snowpack water content on March 24, 2025: 13.6 inches or 93% of April 1 normal.
- 💧 Below normal precipitation to date: 16.7 inches or 94% of normal.
- ≈ Below normal runoff forecast: 6.8 MAF or 71% of normal.

**Sacramento River Basin**

- ❄ Peak snowpack water content on April 4, 2025: 31.7 inches or 120% April 1 normal.
- 💧 Above normal precipitation to date: 53.6 inches or 117% of normal.
- ≈ Above normal runoff forecast: 21.4 MAF or 121% of normal.

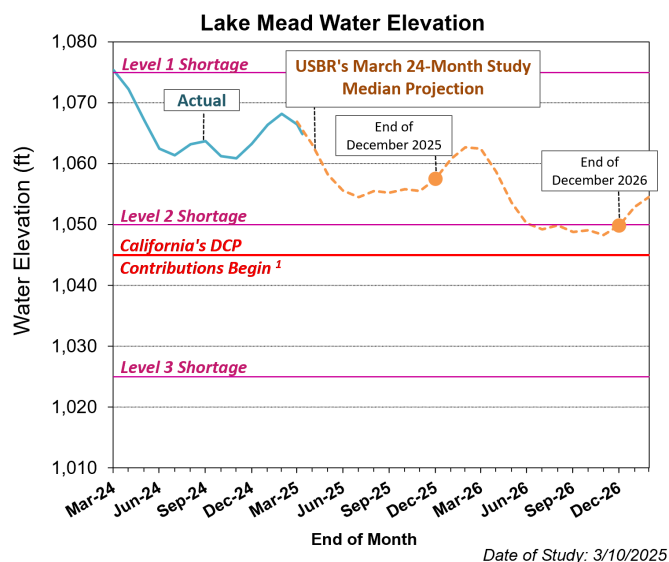


| CRA Supplies | Acre-Feet |
|---|------------------|
| <i>Basic Apportionment</i> | 550,000 |
| <i>IID/MWD Conservation Program</i> | 105,000 |
| <i>CVWD - 2nd Amendment, Exchange of Additional Water</i> | 0 |
| <i>PVID Fallowing Program</i> ¹ | 0 |
| <i>Exchange w/ SDCWA (IID/Canal Lining)</i> | 278,000 |
| <i>Exchange w/ USBR (San Luis Rey Tribe)</i> | 16,000 |
| <i>Lower Colorado Water Supply Project</i> | 9,000 |
| <i>Bard Seasonal Fallowing Program</i> ¹ | 0 |
| <i>Quechan Diversion Forbearance</i> ¹ | 0 |
| <i>Quechan Seasonal Fallowing Program</i> ² | 0 |
| <i>Higher Priority Water Use Adjustment</i> | -151,000 |
| Total CRA Supplies ³ | 807,000 |

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 (4/8/2025). Total may not sum due to rounding.



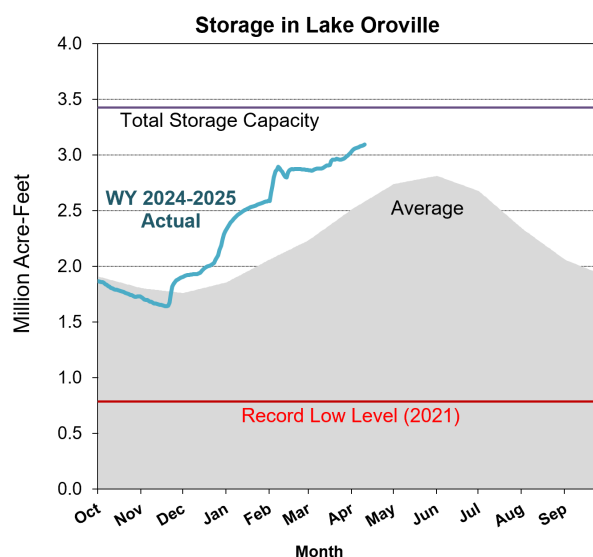
¹ Metropolitan is not required to make Drought Contingency Plan (DCP) contributions in 2025 because the August 2024 24-month Study projected Lake Mead's elevation to be above 1,045 feet on January 1, 2025. This figure reflects the latest 24-month study (March 2025) available at the time of this report.

- Lake Mead storage is currently 8.80 MAF or an elevation of 1,064.9 feet (34 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.

| SWP Supplies | Acre-Feet |
|---|------------------|
| <i>Table A (40% SWP allocation)</i> | 765,000 |
| <i>Port Hueneme</i> ¹ | 1,000 |
| Total SWP Supplies ² | 765,000 |
| Total Supplies (CRA + SWP) (Prior to storage actions) ² | 1,572,000 |

¹ Rounded to the nearest thousand.

² Total may not sum due to rounding.



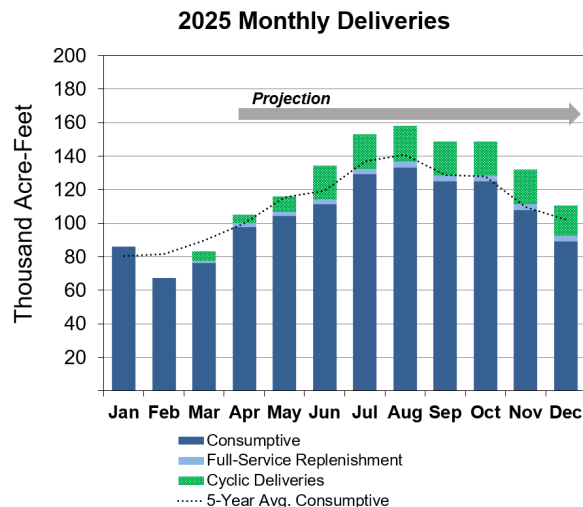
- The SWP allocation for CY 2025 is currently 40 percent of Table A. Further increases to the SWP allocation are expected due to improved hydrologic conditions. The final allocation is typically determined in May or June.
- Lake Oroville is currently at 3.09 MAF (90 percent of total capacity) or 120 percent of historical average, as of the date of this report.

| Current Demand | Acre-Feet |
|--|------------------|
| Member Agency Consumptive ¹ | 1,253,000 |
| Member Agency Replenishment | 29,000 |
| Coachella Valley Water District Agreement | 50,000 |
| Imperial Irrigation District Return ² | 0 |
| Exchange w/ San Luis Rey Tribe | 16,000 |
| System and Storage Losses | 50,000 |
| Cyclic Deliveries | 147,000 |
| Total Demands ³ | 1,545,000 |

¹ Includes exchange w/ SDCWA (IID/Canal Lining) and CUP sales.

² Per USBR Forecast (4/8/2025).

³ Total may not sum due to rounding.

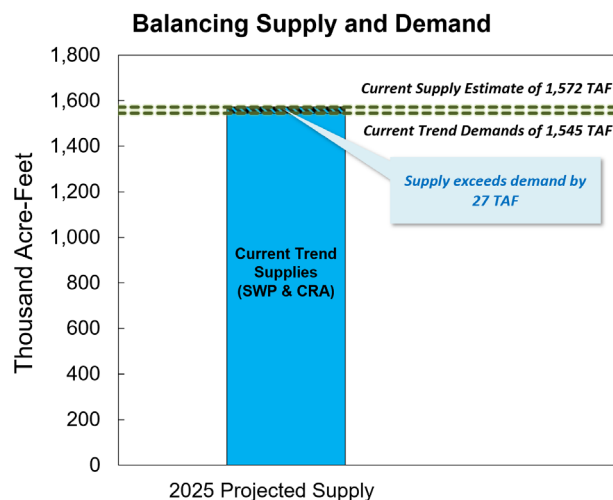


April demands are projected to increase to historical averages following above average rainfall in February and March.

MANAGING REGIONAL SUPPLY AND DEMAND

| Supply/Demand Balance | Acre-Feet |
|--|---------------|
| Total Supplies | 1,572,000 |
| Total Demands | 1,545,000 |
| Current Balance Estimate ¹ | 27,000 |

¹ Total may not sum due to rounding.



WSDM Strategies/Actions

Metropolitan is monitoring supply development and updated demand projections. Appropriate WSDM actions will be taken to manage any supply/demand gap. Options to manage surplus supplies include storing water in Metropolitan's diverse storage portfolio, making cyclic deliveries to member agencies, and selling water to interested parties outside the service area.

2025 WSDM Storage Detail

| WSDM Storage | 1/1/2025 Estimated Storage Levels ¹ | CY 2025 Maximum Put Capacity ² | 2025 Total Storage Capacity |
|--|--|---|-----------------------------|
| Colorado River Aqueduct Delivery System | 1,544,000 | 78,000 | 1,622,000 |
| Lake Mead ICS | 1,544,000 ³ | 78,000 | 1,622,000 ³ |
| SWP System | 1,163,000 | 311,000 | 2,338,000 |
| MWD & DWCV Carryover | 380,000 | 149,000 | 529,000 ⁴ |
| MWD Articles 14(b) and 12(e) | 3,000 ⁵ | 0 | 0 |
| Castaic and Perris DWR Flex Storage | 219,000 | 0 | 219,000 |
| Arvin-Edison Storage Program | 100,000 | 0 ⁶ | 350,000 |
| Semitropic Storage Program | 227,000 | 67,000 | 350,000 |
| Kern Delta Storage Program | 142,000 | 48,000 | 250,000 |
| Mojave Storage Program | 19,000 | 0 | 330,000 |
| AVEK Storage Program | 27,000 | 0 | 30,000 |
| AVEK High Desert Water Bank Program | 45,000 | 47,000 | 280,000 |
| In-Region Supplies and WSDM Actions | 1,060,000 | 60,000 | 1,246,000 |
| Diamond Valley Lake | 788,000 | 22,000 | 810,000 |
| Lake Mathews and Lake Skinner | 188,000 | 38,000 | 226,000 |
| Conjunctive Use Programs (CUP) | 84,000 | 0 | 210,000 ⁷ |
| Other Programs | 762,000 | 223,000 | 1,181,000 |
| Other Emergency Storage | 381,000 | 0 | 381,000 |
| DWCV Advanced Delivery Account | 381,000 | 223,000 | 800,000 |
| Total | 4,529,000 | 673,000 | 6,387,000 |
| Emergency | 750,000 | 0 | 750,000 |
| Total WSDM Storage (AF) ⁸ | 3,779,000 | 673,000 | 5,637,000 |

¹ Preliminary start of year balances, subject to DWR adjustments and USBR final accounting in May 2025.

² Put capacity assumed under a 40 percent SWP Table A Allocation. Storage program losses included where applicable.

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

⁴ 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 be converted to SWP contractor water if San Luis Reservoir approaches full capacity.

⁵ DWR has approved carryover supplies under Article 14 (b) of the State Water Project Contract for delivery in 2025.

⁶ Puts are limited due to water quality considerations.

⁷ Total of all CUP programs including IEUA/TVMWD (Chino Basin); Long Beach (Central Basin); Long Beach (Lakewood); Foothill (Raymond and Monk Hill); MWD OC (Orange County Basin); Three Valleys (Live Oak); Three Valleys (Upper Claremont); and Western. On April 8, 2025, the Board authorized the termination of six inactive CUP agreements, effectively decreasing the CUP storage capacity to 115,000 AF by July 1, 2025. Future WSDM reports will reflect the decreased capacity once the termination agreements have been executed.

⁸ 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

| | Beginning of Year 2025 Balance |
|---|-----------------------------------|
| Water Stored for IID under the California ICS Agreement and its Amendment or the 2021 Settlement Agreement with IID | 258,000 ² |
| Storage and Interstate Release Agreement with Southern Nevada Water Authority (SNWA) | 330,000 ³ |
| Coachella Valley Water District Agreement (CVWD) | 70,000 ⁴ |
| USBR Phase 2 of the Lower Colorado River Basin System Conservation and Efficiency Program | 269,000 ⁵ |
| Total (AF) ⁶ | 927,000 |

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

² Reflects final accounting under USBR's 2023 Water Accounting Report released May 15, 2024. IID can request a return in any year, conditional on agreement terms.

³ SNWA may request up to 30,000 AF per year.

⁴ 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.

⁵ 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. Additional agreements will be necessary to implement the SCIA's (e.g., forbearance agreements).

⁶ Total may not sum due to rounding.

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

| | 2025 | 2026 |
|--|------|------|
| Likelihood of Required California Drought Contingency Plan Contribution ¹ | 0% | 0% |
| Average Metropolitan DCP Contribution When Contributions Are Required (AF) | 0 | 0 |

¹ Results from USBR's March 2025 Colorado River Mid-Term Modeling System 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 | |
| 2019 | 51,000 | 147,000 | 19,000 | 166,000 | 91,000 | 126,000 |
| 2020 | 126,000 | 2,000 | 0 | 2,000 | 50,000 | 79,000 |
| 2021 | 79,000 | 0 | 0 | 0 | 28,000 | 51,000 |
| 2022 | 51,000 | 0 | 0 | 0 | 27,000 | 24,000 |
| 2023 | 24,000 | 33,000 | 14,000 | 48,000 | 72,000 | 0 |
| 2024 | 0 | 97,000 | 0 | 97,000 | 25,000 | 72,000 |
| 2025 | 72,000 | 0 | 0 | 0 | 0 | 72,000 |

¹ This table is updated with actual Cyclic Program activity reflecting certifications through February 2025.

Total may not sum due to rounding.