



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

# Board Report

## Water Resources Management Group

### ● **Water Surplus and Drought Management Update** **Conditions as of 3/5/2025**

#### Summary

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This report provides the monthly update in accounting for water supply, demand, and storage conditions for calendar year (CY) 2025 as of March 5, 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 April.

On February 25, 2025, the California Department of Water Resources (DWR) increased the State Water Project (SWP) Table A Allocation from 20 percent to 35 percent due to improved hydrologic conditions observed through early February. This brings Metropolitan's currently allocated SWP supplies to 670 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 35 percent allocation was released in late February. Metropolitan's Colorado River supply is currently estimated at 785 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 1.45 million acre-feet (MAF) for CY 2025 at current allocation levels.

The demand on Metropolitan, which includes member agency consumptive and replenishment demands, obligations, and losses, is currently estimated to be 1.44 MAF for CY 2025. Since current supply estimates exceed current trend demands, Metropolitan is projecting a surplus of 17 TAF to manage this year at the regional level. However, when examining the SWP Dependent Area exclusively, Metropolitan estimates a surplus of approximately 190 TAF for the SWP Dependent Area, based on the current SWP Table A allocation and anticipated demand on Metropolitan from the SWP Dependent Area. Metropolitan is currently projecting to add to storage accessible by the SWP Dependent Area. In addition to storing water in Metropolitan's diverse storage portfolio, as detailed in **Attachment 1**, options to manage surplus supplies include making cyclic deliveries to member agencies and selling water to interested parties outside the service area.

#### Purpose

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Informational

#### Attachments

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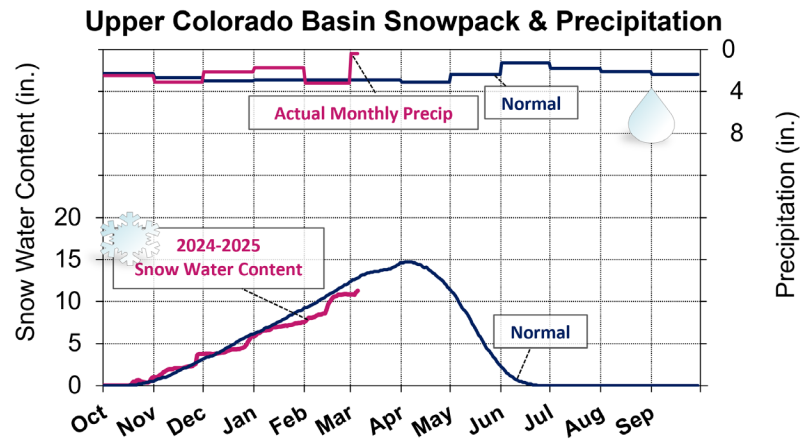
**Attachment 1:** Projected 2025 WSDM Storage Detail (35 percent SWP Table A allocation)

**Attachment 2:** Future Contributions and Obligations and Cyclic Program

#### Detailed Report

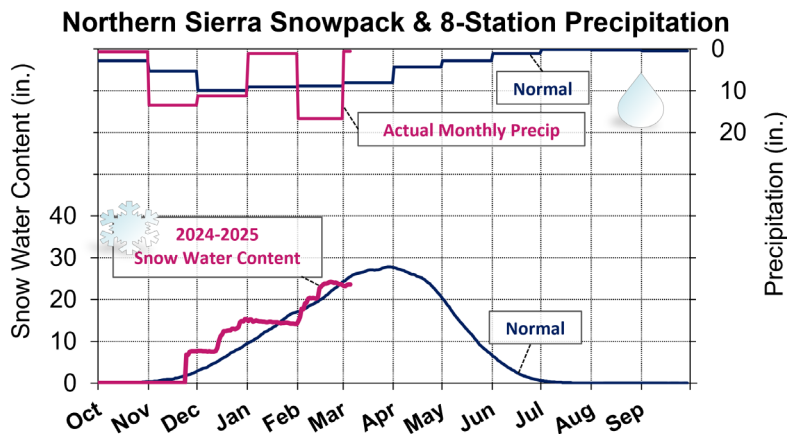
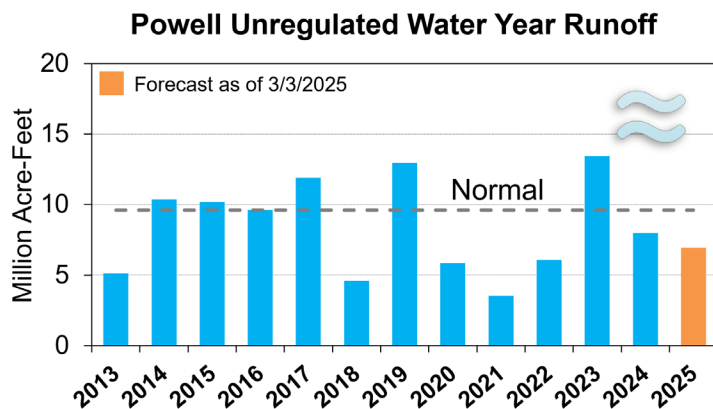
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This Water Surplus and Drought Management (WSDM) report provides the water supply and demand estimates for CY 2025 and developing hydrologic conditions for WY 2024-2025.



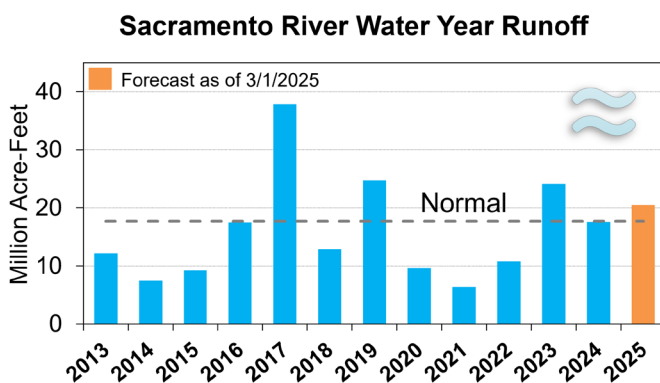
### Upper Colorado River Basin

- ❄ Below normal snowpack water content for this date:  
11.3 inches or 87% of normal.
- 💧 Below normal precipitation to date:  
13.1 inches or 91% of normal.
- ≈ Below normal runoff forecast:  
6.9 MAF or 72% of normal.



### Sacramento River Basin

- ❄ Near normal snowpack water content for this date:  
23.6 inches or 99% of normal.
- 💧 Above normal precipitation to date:  
43.8 inches or 117% of normal.
- ≈ Above normal runoff forecast:  
20.5 MAF or 116% of normal.

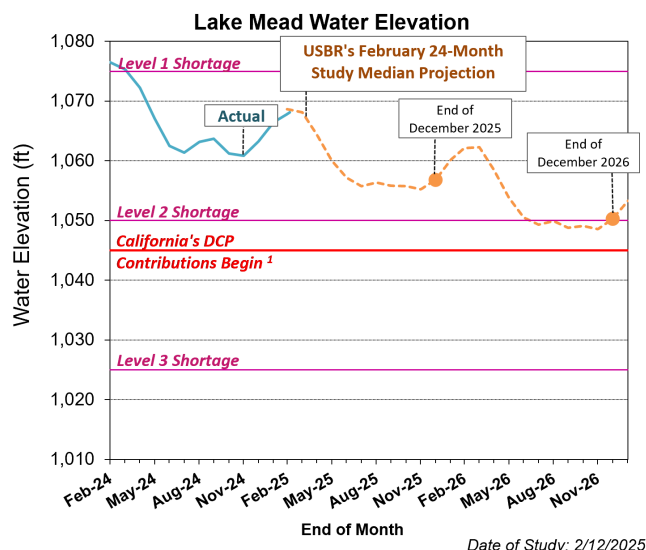


<b>CRA Supplies</b>	<b>Acre-Feet</b>
<i>Basic Apportionment</i>	550,000
<i>IID/MWD Conservation Program</i>	105,000
<i>CVWD - 2nd Amendment, Exchange of Additional Water</i>	0
<i>PVID Following Program<sup>1</sup></i>	0
<i>Exchange w/ SDCWA (IID/Canal Lining)</i>	278,000
<i>Exchange w/ USBR (San Luis Rey Tribe)</i>	16,000
<i>Lower Colorado Water Supply Project</i>	9,000
<i>Bard Seasonal Following Program<sup>1</sup></i>	0
<i>Quechan Diversion Forbearance<sup>1</sup></i>	0
<i>Quechan Seasonal Following Program<sup>2</sup></i>	0
<i>Higher Priority Water Use Adjustment</i>	-173,000
<b>Total CRA Supplies<sup>3</sup></b>	<b>785,000</b>

<sup>1</sup> 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.

<sup>2</sup> Rounded to the nearest thousand. Supply estimate is 270 AF.

<sup>3</sup> Per USBR Forecast (3/3/2025). Total may not sum due to rounding.



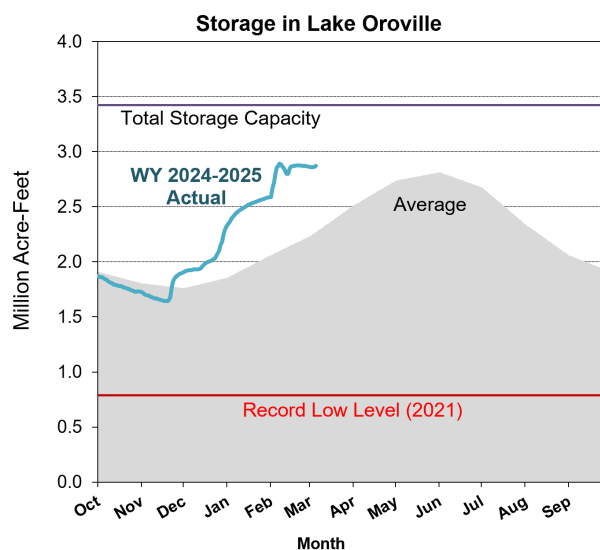
<sup>1</sup> Metropolitan is not required to make Drought Contingency Plan (DCP) contributions in 2025 because the August 2024 24-month Study projected Lake Mead's elevation to be above 1,045 feet on January 1, 2025. This figure reflects the latest 24-month study (February 2025) available at the time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

- Lake Mead storage is currently 9.05 MAF or elevation 1,068.1 feet (35 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.

<b>SWP Supplies</b>	<b>Acre-Feet</b>
<i>Table A (35% SWP allocation)</i>	669,000
<i>Port Hueneme<sup>1</sup></i>	1,000
<b>Total SWP Supplies<sup>2</sup></b>	<b>670,000</b>
<b>Total Supplies (CRA + SWP) (Prior to storage actions)<sup>2</sup></b>	<b>1,454,000</b>

<sup>1</sup> Rounded to the nearest thousand.

<sup>2</sup> Total may not sum due to rounding.



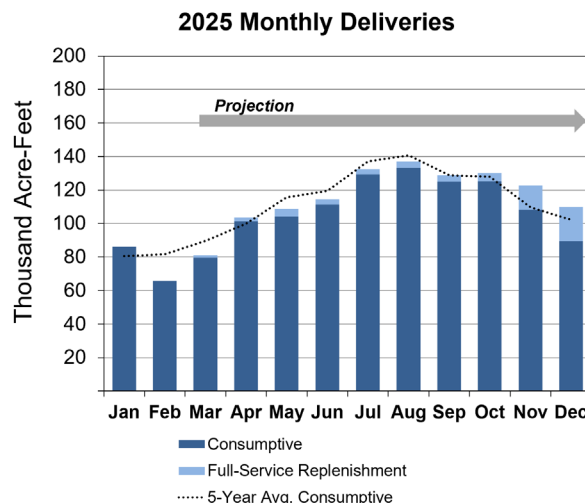
- The SWP allocation for CY 2025 is currently 35 percent of Table A. Further increases to the SWP allocation are expected due to improved hydrologic conditions. The final allocation is typically determined in May or June.
- Lake Oroville is currently at 2.87 MAF (84 percent of total capacity) or 126 percent of historical average, as of the date of this report.

Current Demand	Acre-Feet
Member Agency Consumptive <sup>1</sup>	1,258,000
Member Agency Replenishment	63,000
Coachella Valley Water District Agreement	50,000
Imperial Irrigation District Return <sup>2</sup>	0
Exchange w/ San Luis Rey Tribe	16,000
System and Storage Losses	50,000
Cyclic Deliveries	0
<b>Total Demands <sup>3</sup></b>	<b>1,437,000</b>

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

<sup>2</sup> Per USBR Forecast (3/3/2025).

<sup>3</sup> Total may not sum due to rounding.

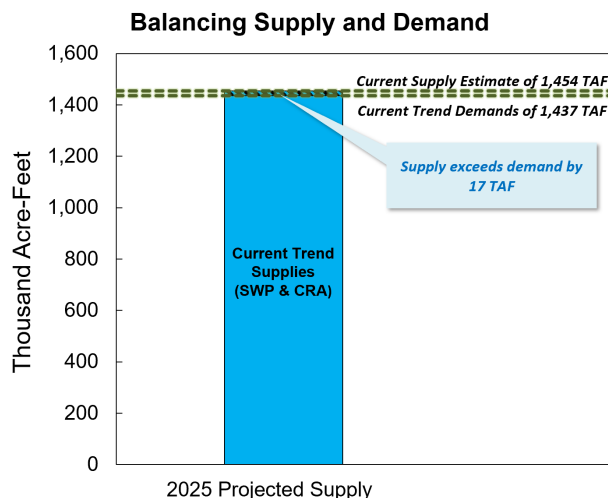


Following a dry January to start CY 2025, demands decreased in February with above average rainfall.

## MANAGING REGIONAL SUPPLY AND DEMAND

Supply/Demand Balance	Acre-Feet
Total Supplies	1,454,000
Total Demands	1,437,000
<b>Current Balance Estimate <sup>1</sup></b>	<b>17,000</b>

<sup>1</sup> 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 <sup>1</sup>	CY 2025 Maximum Put Capacity <sup>2</sup>	2025 Total Storage Capacity
<b>Colorado River Aqueduct Delivery System</b>	<b>1,596,000</b>	<b>26,000</b>	<b>1,622,000</b>
Lake Mead ICS	1,596,000 <sup>3</sup>	26,000	1,622,000 <sup>3</sup>
<b>State Water Project System</b>	<b>1,163,000</b>	<b>322,000</b>	<b>2,338,000</b>
MWD & DWCV Carryover	380,000	149,000	529,000 <sup>4</sup>
MWD Articles 14(b) and 12(e)	3,000 <sup>5</sup>	0	0
Castaic and Perris DWR Flex Storage	219,000	0	219,000
Arvin-Edison Storage Program	100,000	0 <sup>6</sup>	350,000
Semitropic Storage Program	227,000	70,000	350,000
Kern Delta Storage Program	142,000	50,000	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	53,000	280,000
<b>In-Region Supplies and WSDM Actions</b>	<b>1,060,000</b>	<b>85,000</b>	<b>1,246,000</b>
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	25,000	210,000 <sup>7</sup>
<b>Other Programs</b>	<b>762,000</b>	<b>245,000</b>	<b>1,181,000</b>
Other Emergency Storage	381,000	0	381,000
DWCV Advanced Delivery Account	381,000	245,000	800,000
<b>Total</b>	<b>4,581,000</b>	<b>678,000</b>	<b>6,387,000</b>
Emergency	750,000	0	750,000
<b>Total WSDM Storage (AF) <sup>8</sup></b>	<b>3,831,000</b>	<b>678,000</b>	<b>5,637,000</b>

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

<sup>2</sup> Put capacity assumed under a 35 percent SWP Table A Allocation. Storage program losses included where applicable.

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

<sup>4</sup> 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.

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

<sup>6</sup> Puts are limited due to water quality considerations.

<sup>7</sup> Total of all CUP programs including IEUA/TVMWD (Chino Basin); Long Beach (Central Basin); Long Beach (Lakewood); Foothill (Raymond and Monk Hill); MWDOC (Orange County Basin); Three Valleys (Live Oak); Three Valleys (Upper Claremont); and Western.

<sup>8</sup> 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 <sup>1</sup>**

	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 <sup>2</sup>
Storage and Interstate Release Agreement with Southern Nevada Water Authority (SNWA)	330,000 <sup>3</sup>
Coachella Valley Water District Agreement	70,000 <sup>4</sup>
United States Bureau of Reclamation (USBR) Phase 2 of the Lower Colorado River Basin System Conservation and Efficiency Program	269,000 <sup>5</sup>
<b>Total (AF) <sup>6</sup></b>	<b>927,000</b>

<sup>1</sup> Rounded to the nearest thousand AF. Subject to change based on accounting adjustments.

<sup>2</sup> 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.

<sup>3</sup> SNWA may request up to 30,000 AF per year.

<sup>4</sup> Obligation must be met by the end of 2026.

<sup>5</sup> 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).

<sup>6</sup> 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 <sup>1</sup>	0%	0%
Average Metropolitan DCP Contribution When Contributions Are Required (AF)	0	0

<sup>1</sup> Results from USBR's February 2025 Colorado River Mid-Term Modeling System (CRMMS) model run.

**Table 3: Cyclic Program Activity <sup>1</sup>**

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

<sup>1</sup> This table is updated with actual Cyclic Program activity reflecting certifications through January 2025.

Total may not sum due to rounding.