248 E. Foothill Blvd., Suite 200
Monrovia, CA, 91016
P: 626-443-2297
E: info@usgvmwd.org
upperwater.org

Water Resources and Facility Management Committee Meeting and Special Meeting of the Board of Directors

Monday, June 1, 2026
4:30 P.M.

Committee Members:
Charles M. Treviño, Chair
Katarina Garcia, Vice-Chair

*The Water Resources and Facility Management Committee meeting is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to the Water Resources and Facility Management Committee may attend and participate as members of the Board, whether or not a quorum of the Board is present. In order to preserve the function of the Committee as advisory to the Board, members of the Board who are not assigned to the Water Resources and Facility Management Committee will not vote on matters before the Committee.

Communications
1. Call to Order
2. Public Comment
Discussion/Action
3. Draft 2025 Urban Water Management Plan (Staff memo and presentation enclosed)
4. Integrated Water Resource Plan (Presentation enclosed)
Oral Reports
4. Water Supply Update (Presentation enclosed)
5. Golden Mussel Update
Other Matters
6.
Adjournment

Next Meeting: TBD

American Disabilities Act Compliance (Government Code Section 54954.2(a))

To request special assistance to participate in this meeting, please contact the District office at (626) 443-2297

UPPER WATER
UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT

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MEMORANDUM

Item. (3)
Discussion/Action

DATE: June 1, 2026
TO: Water Resources and Facility Management Committee and Board of Directors
FROM: General Manager
SUBJECT: 2025 Urban Water Management Plan and Water Shortage Contingency Plan

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Recommendation

Staff recommends the committee review and recommend the Draft 2025 Urban Water Management Plan (UWMP) and Water Shortage Contingency Plan.

The Board of Directors will have the opportunity to hold a public hearing and adopt the 2025 UWMP and Water Contingency Plan during the regular scheduled board meeting held on June 9, 2021.

Background

Pursuant to Section 10621(a) of the California Water Code (the Urban Water Management Planning Act of 1985), Upper Water must update its UWMP every five years. The 2020 UWMP and Water Shortage Contingency Plan was adopted by the Board of Directors at a public hearing held June 9, 2021. Upper Water must now prepare an updated version of the UWMP, conduct a public hearing, and adopt the 2025 amended plan by July 1, 2026.

Urban Water Management Plans are prepared by California's urban water suppliers to ensure adequate water supplies are available to meet existing and future water demands. Every urban water supplier that either provides over 3,000 acre-feet of water annually or serves more than 3,000 or more connections (either directly or indirectly) is required to assess the reliability of its water sources over a 20-year planning horizon considering normal, dry, and multiple dry years.

The purpose of the public hearing is to allow the Board of Directors to receive public comments and testimony regarding the proposed adoption of the updated 2025 UWMP. As set forth in Government Code Section 6066, notice of this public hearing was published in the San Gabriel Valley Tribune newspaper on May 27 and June 3, 2026 (attached). On May 26, 2026, a memorandum was distributed to all Upper Water sub-agencies and other potentially interested parties regarding the scheduled public hearing and the availability of the draft 2025 UWMP for public review on Upper Water's website. A hard copy of the draft 2025 UWMP is also available at Upper Water's office for public review.

Attachment

NOTICE OF PUBLIC HEARING

The Upper San Gabriel Valley Municipal Water District (Upper Water) will hold a public hearing to review and adopt their Water Shortage Contingency Plan and Urban Water Management Plan 2025 Update, on June 10, 2026 at the hour of 4:30 p.m. at the District Office at 248 E. Foothill Blvd., Room 103, Monrovia, CA 91016.

The Final Draft Urban Water Management Plan and Water Shortage Contingency Plan is available at www.upperwater.org for review.

Thomas A. Love, General Manager
Upper San Gabriel Valley Municipal Water District
248 E. Foothill Blvd., Suite 200, Monrovia, CA 91016
San Gabriel Valley Tribune
Published: 5/27, 6/3/26

UPPER WATER

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT

2025 URBAN WATER MANAGEMENT PLAN

June 1, 2026

2025 Urban Water Management Plan

Requirements to Prepare Plan

- Upper Water is a wholesale water supplier and is required to prepare an Urban Water Management Plan (Plan) in accordance with the California Urban Water Management Planning Act (UWMP Act) which was established in 1983.
- An urban water supplier is defined as "…a supplier either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually…" (Section 10617).
- Every urban water supplier for municipal purposes shall update its plan at least once every 5 years on or before December 31st in years ending in five and zero (Section 10621(a)).

2025 Urban Water Management Plan

Purpose of Plan

- General
  - A source for cities and counties for their General Plans.
  - Approved Plan is required by DWR for an urban water supplier to receive State grants or loans.
  - A component of an Integrated Regional Water Management Plan.
- Specific
  - A long-term planning document for water supply.
  - Evaluates urban water supplier's existing water conservation efforts and, to the extent practicable, review and implement alternative and supplemental water conservation measures.

2025 Urban Water Management Plan

UWMP Organization

- Chapter 1: Introduction and Overview
- Chapter 2: Plan Preparation
- Chapter 3: System Area Description
- Chapter 4: Water Use Characterization
- Chapter 5: SB X7-7 Baseline and Targets (N/A to Upper District)
- Chapter 6: Normal-Year Water Supply Characterization
- Chapter 7: Water Service Reliability and Drought Risk Assessment
- Chapter 8: Water Shortage Contingency Plan
- Chapter 9: Demand Management Measures
- Chapter 10: Plan Adoption, Submittal, and Implementation

2025 Urban Water Management Plan

Key Findings:

Chapter 2 Plan Preparation

- Coordination Efforts
  - Provided an update on its 2025 UWMP at the Feb. 2, 2026 Water Resources and Facility Management Committee.
    - Upper Water went over the new requirements for preparing the 2025 UWMP
  - 60-day notice
    - Cities and County
    - Sub-agencies
    - Metropolitan Water District of Southern California (MWD)
  - Upper Water's Draft 2025 UWMP will be made available on its website

Key Findings:

Chapter 4 Water Use Characterization

- Current Water Use

Wholesale: Demands for Potable and Non-Potable Water - Actual			
Use Type	2025 Actual (Acre-feet)		
Sales to other agencies	USG-3, CenB-48, Canyon Basin	Non-Potable	29,466
Sales to other agencies	USG-1, USG-2, USG-4, USG-5, USG-6, USG-7, USG-8, USG-9	Potable	3,374
Sales to other agencies	Recycled Water Direct Use	Non-Potable	2,148
		TOTAL	**34,988**

Key Findings:
Chapter 4
Water Use
Characterization
(cont.)

- Projected Water Use

Wholesale: Use for Potable and Non-Potable Water - Projected

Use Type	Additional Description (as needed)	Projected Water Use Report To the Extent that Records are Available				
		2030	2035	2040	2045	2050 (opt)
Sales to other agencies	Untreated Imported for Replenishment	40,000	22,500	5,000	5,000	5,000
Sales to other agencies	Treated Imported	5,000	5,000	5,000	5,000	5,000
Sales to other agencies	Pure Water for Replenishment	0	17,500	35,000	35,000	35,000
Sales to other agencies	Recycled Water Direct Use	2,157	2,157	2,157	2,157	2,157
	TOTAL	47,157	47,157	47,157	47,157	47,157

Key Findings:

Chapter 6
Water Supply
Characterization

- Recycled Water Use
  - Phase I Direct Use Project
  - Phase IIA Direct Use Program
  - La Puente Valley County Water District Recycled Water Project
  - San Gabriel Valley Water Company South El Monte Expansion Project
  - City of Industry Regional Recycled Water System
  - MWD's Pure Water Southern California

Key Findings:

Chapter 7 Water Service Reliability and Drought Risk Assessment

- Under some conditions, MWD may choose to implement the Water Allocation Plan in order to preserve storage reservoirs for a future year, instead of using the full supply capability
- A single dry year or a five consecutive year drought period will not compromise Upper Water's ability to provide a reliable supply of water to its customers
- Groundwater supplies and imported water supplies from MWD are reliable and are managed

2025 Urban Water Management Plan

Key Findings:

Chapter 8 Water Shortage Contingency Plan

- Water Shortage Contingency Plan will be adopted specifically as part of the UWMP
- Upper Water's Water Shortage Contingency Plan is reliant on MWD's Water Shortage and Drought Management Plan and the Water Supply Allocation Plan
- MWD's Water Surplus and Drought Management Plan identifies 6 water shortage stages.
- MWD's Water Supply Allocation Plan (WSAP) is implemented during a Level 6 water shortage. The WSAP is designed to reduce wholesale demands by up to approximately 50 percent of the WSAP's calculated base demand.

Key Findings:

Chapter 9 Demand Management Measures

- Public education and outreach
  - Presentations, workshops, brochures, etc.
  - WaterFest
  - Watershed Restoration Program
  - Sustainable Watershed Education Program
  - Water is Life Art Contest
  - Water 101 Seminars and Local Tours
  - MWD Inspection Trips
  - Water Education Grant Program
- Water Conservation Program
  - Full time staff member dedicated to implementing water use efficiency and education programs
- Assistance Programs
  - SoCal Water$mart Rebate Program
  - Member Agency Allocation Funding for Local Programs
  - Water$mart Home Program Kit
  - Plant Voucher Program

2025 Urban Water Management Plan

MWD's 2025 UWMP Schedule

- MWD's Final Draft 2025 UWMP dated February 2026 is available now on its website.
- MWD held a public hearing on Monday, April 13, 2026 to receive comments on its draft 2025 UWMP.
- All written comments were received by April 13, 2026.
- Current Draft: April 2026

2025 Urban Water Management Plan

Key Findings:

Chapter 10 UWMP Adoption, Submittal, and Implementation

- Upper Water's Draft 2025 UWMP will be available May
- Public Hearing/Consideration of Adoption: June 10, 2026 at a regular board meeting.

Questions

Upper Water
Integrated Resources Plan (IRP)

Water Resources Facility Management Committee

June 1, 2026

upperwater.org

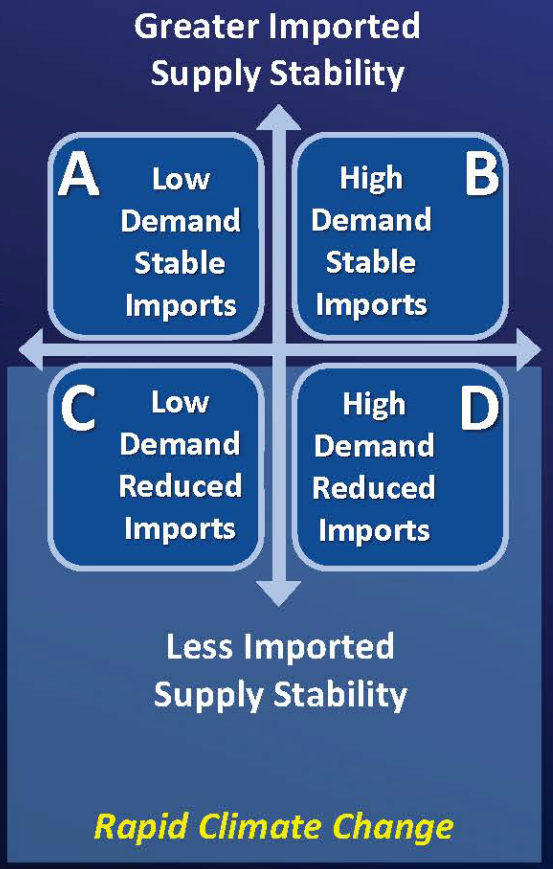
Crucial Questions

- **Demands:** How will per capita water demand change? How will growth impact demands?
- **Imported Supply:** Will MWD make investments for improved reliability? How reliable will MWD be in the future?
- **Local Supply:** How will climate change impact local water supply (stormwater capture)? Are there remaining local project opportunities?

MWD IRP - Four Planning Scenarios

Scenario A shows no unmanaged shortages under conditions of continued low demand growth and stable climate change.

Scenario B reveals implications of increased demands even without rapid climate change. Without new storage, 100 TAF of new core supply needed by 2045.



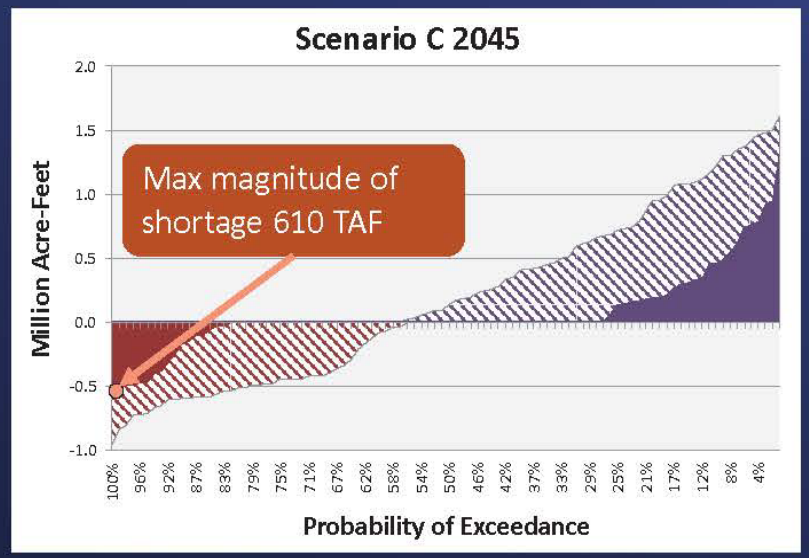
Scenario C underscores the impacts of rapid climate change even with minimal growth pressures on demands. Without new storage, 50 TAF of new core supply needed by 2045.

Scenario D warns of critical reliability challenges when faced with both demand growth and rapid climate change. Without new storage, 650 TAF of new core supply needed by 2045. No amount of new storage would eliminate net shortage.

MWD IRP Reliability Findings

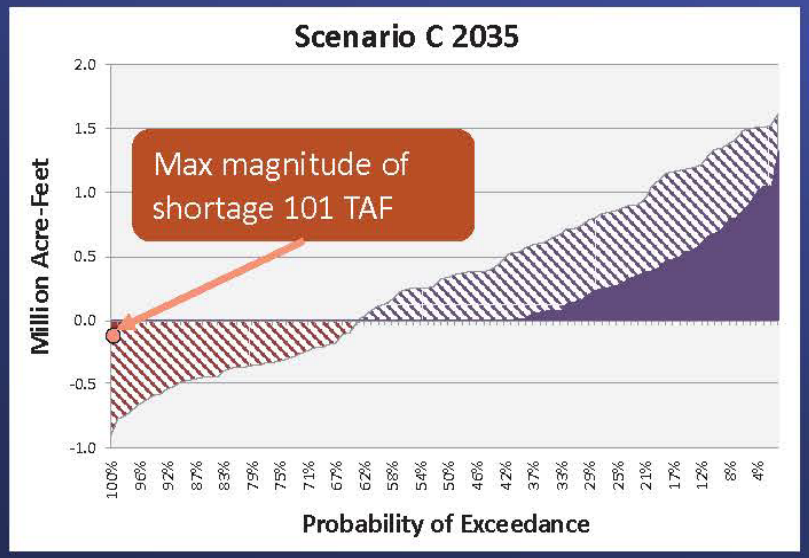
IRP 2025 Updated Gap Analysis – Scenario C

2045



Reliability occurs 82% of the time.
Net shortage occurs 18% of the time.
Unmanaged supplies occur 26% of the time.

2035

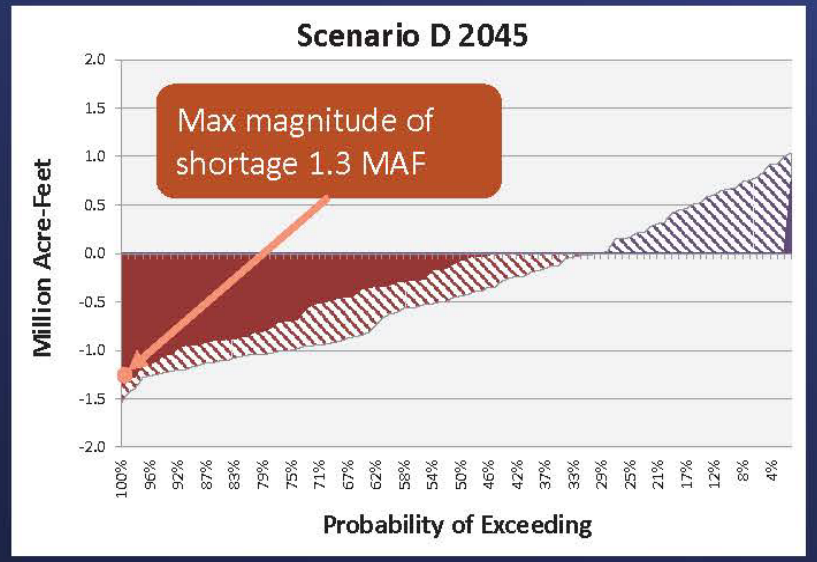


Reliability occurs 96% of the time.
Net shortage occurs 4% of the time.
Unmanaged supplies occur 40% of the time.

MWD IRP Reliability Findings

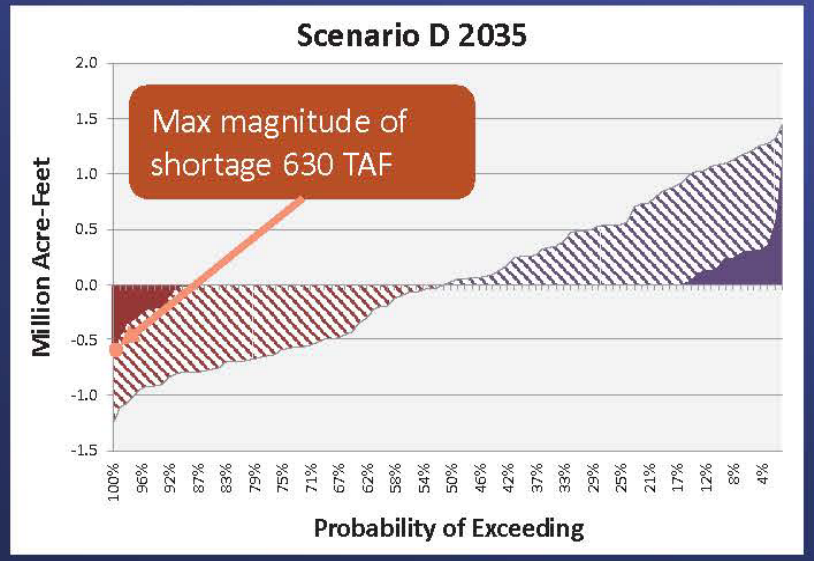
IRP 2025 Updated Gap Analysis – Scenario D

2045



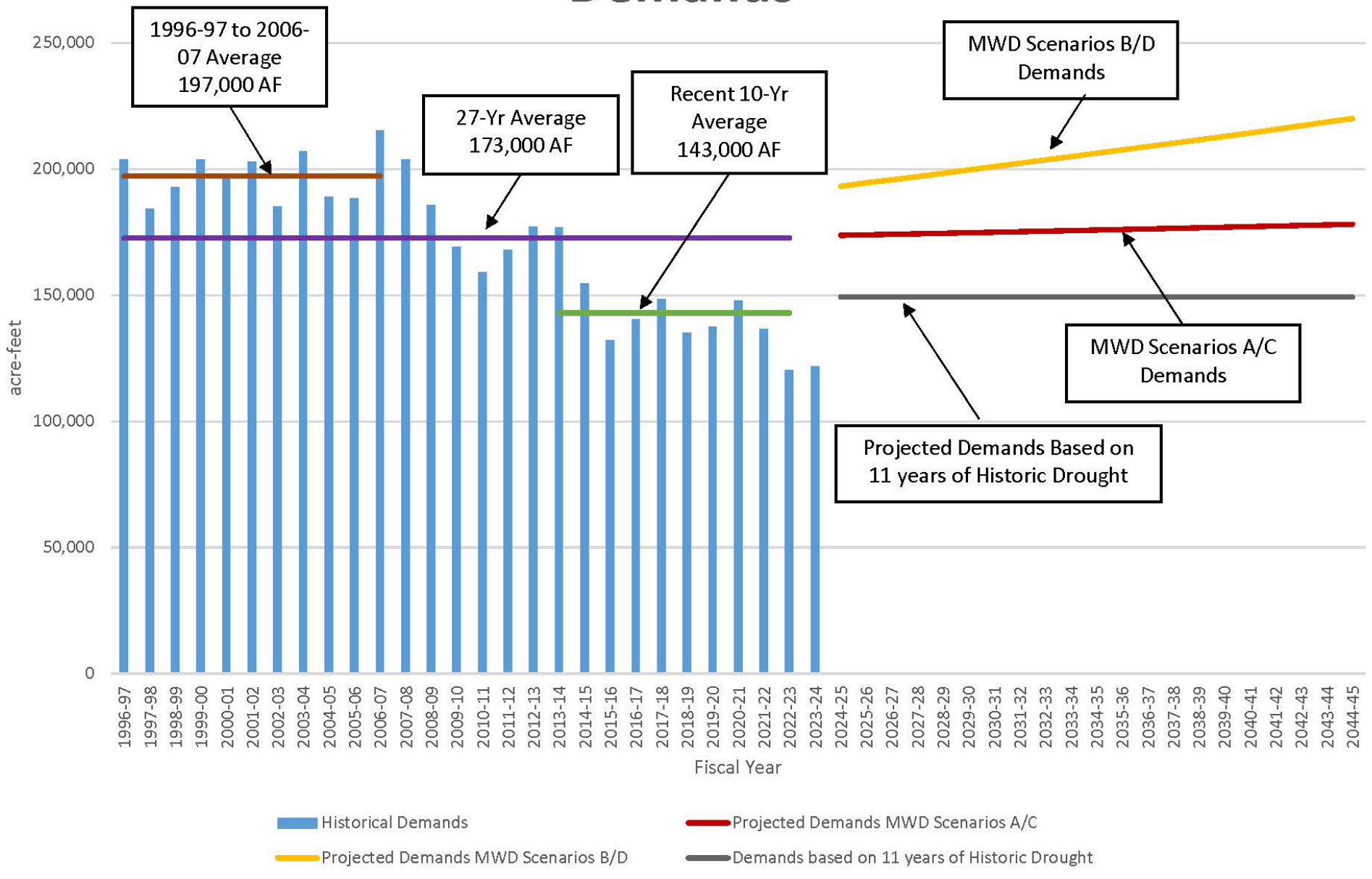
Reliability occurs 42% of the time.
Net shortage occurs 58% of the time.
Unmanaged supplies occur 1% of the time.

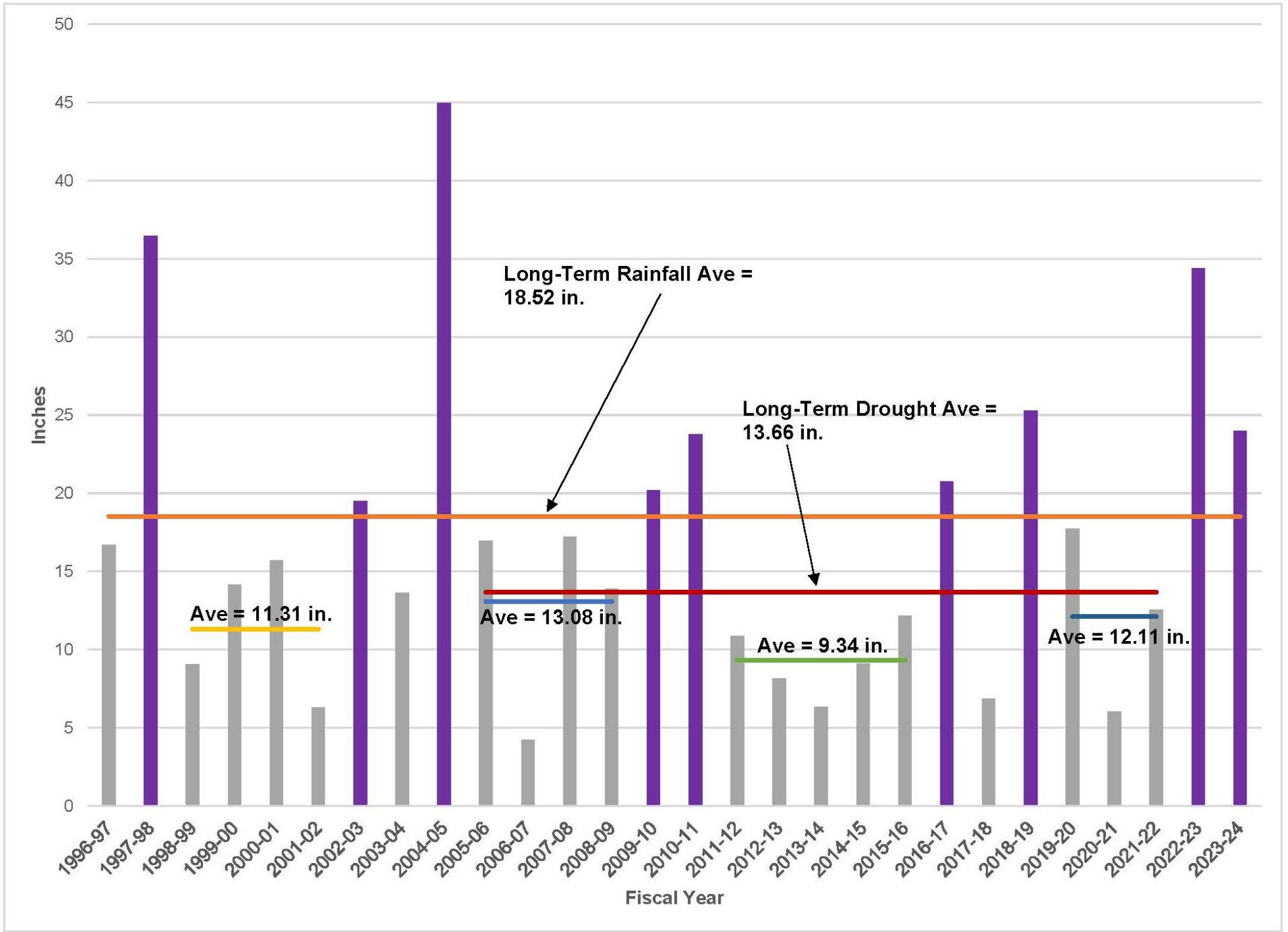
2035



Reliability occurs 89% of the time.
Net shortage occurs 11% of the time.
Unmanaged supplies occur 16% of the time.

Upper Water Historical and Projected Demands

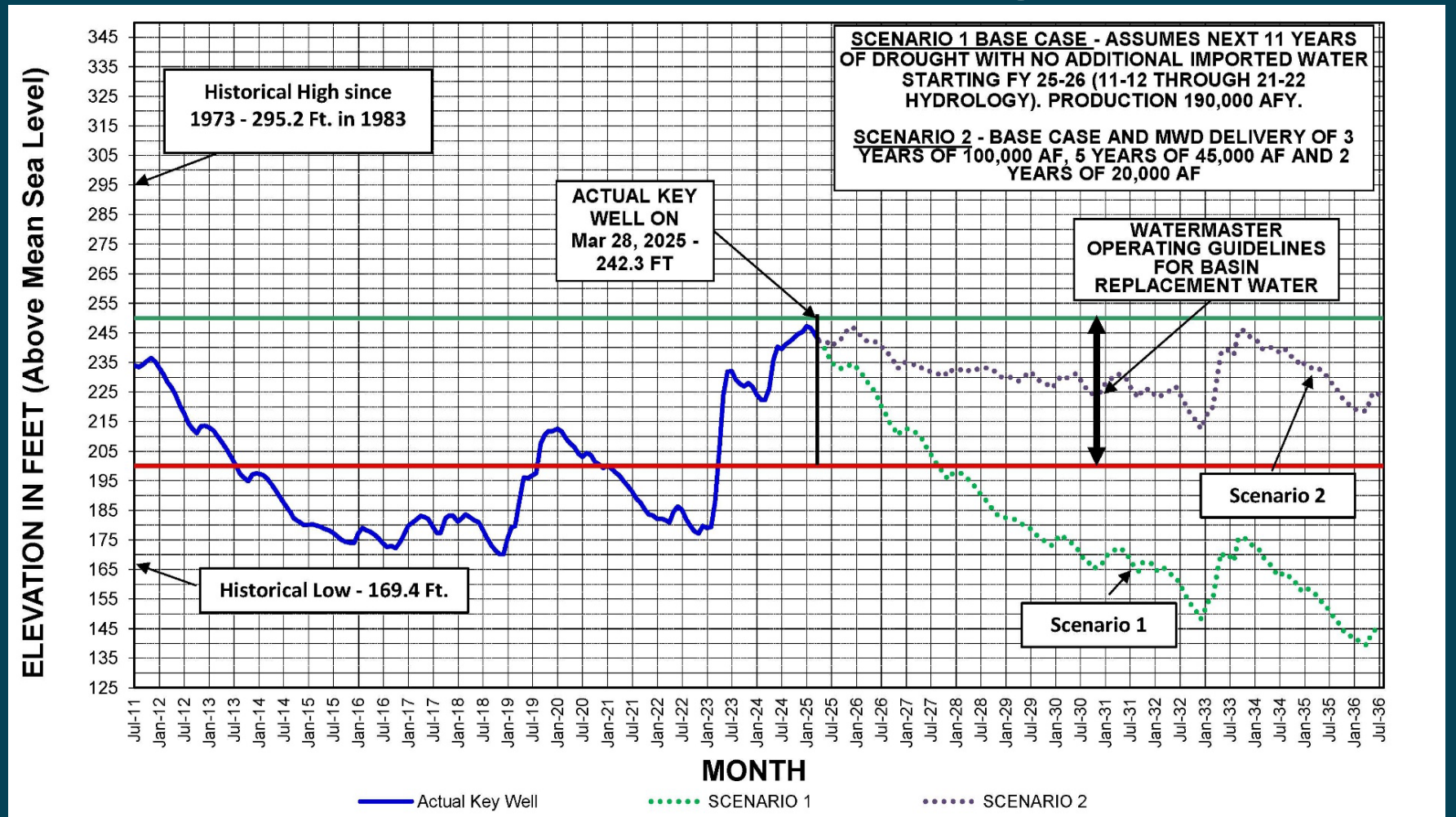



50
45
40
35
30
25
20
15
10
5
0
Inches
Long-Term Rainfall Ave = 18.52 in.
Long-Term Drought Ave = 13.66 in.
Ave = 11.31 in.
Ave = 13.08 in.
Ave = 9.34 in.
Ave = 12.11 in.
1996-97
1997-98
1998-99
1999-00
2000-01
2001-02
2002-03
2003-04
2004-05
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
2013-14
2014-15
2015-16
2016-17
2017-18
2018-19
2019-20
2020-21
2021-22
2022-23
2023-24
Fiscal Year

Project Opportunities

- Local
  - Recycled Water
  - Stormwater Capture
  - Groundwater Recovery
  - Storage
- Regional
  - Pure Water Recycled Water
  - Ocean Desalination
  - Transfers/Exchanges

Groundwater Storage

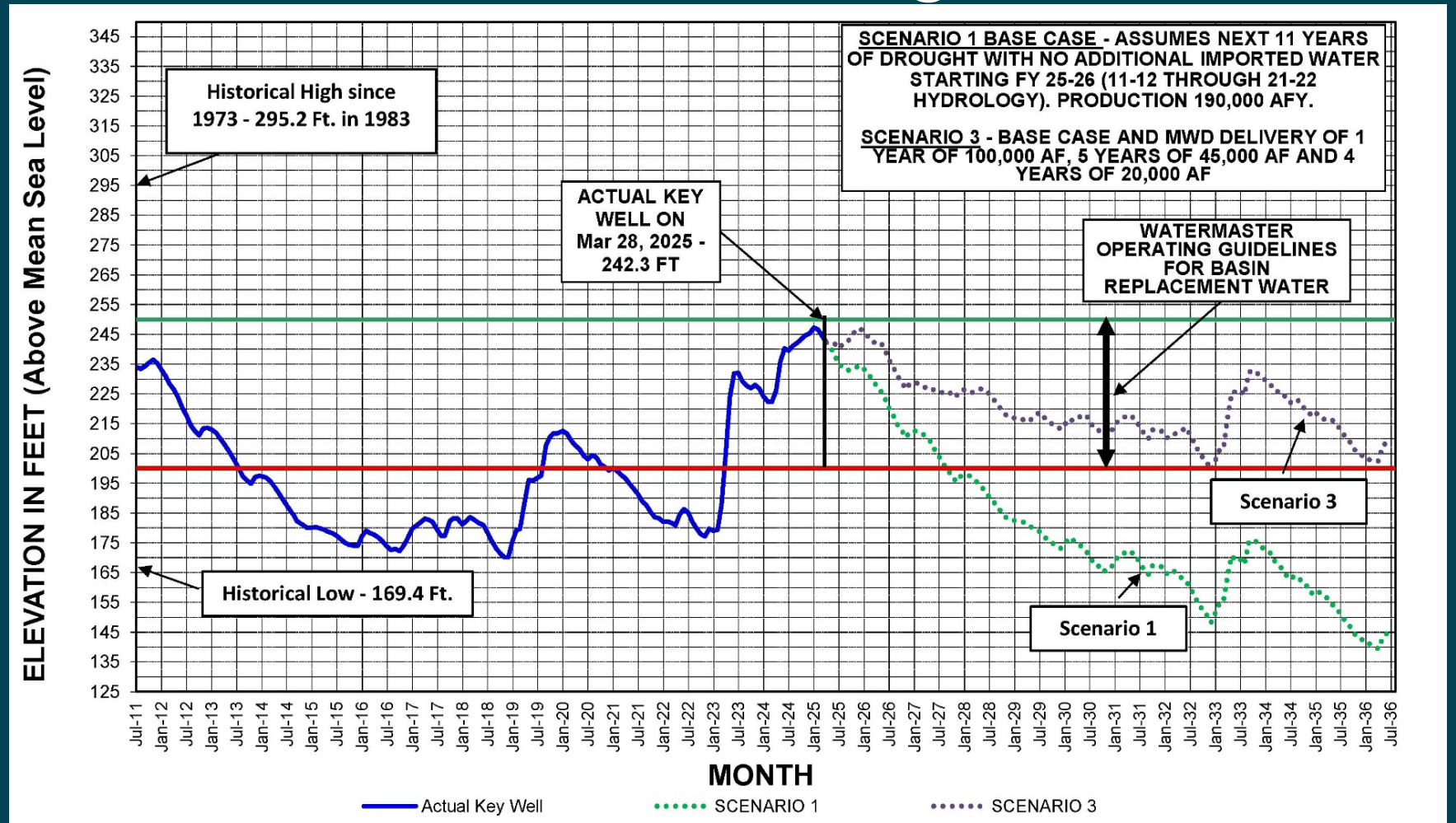


STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT

BALDWIN PARK KEY WELL GROUNDWATER ELEVATION
SCENARIO 2 - BASED ON MWD IRP SCENARIO C
(3 YRS OF 100,000 AF, 5 YRS OF 45,000 AF, 2 YRS OF 20,000 AF)
PROJECTED THROUGH FY 2035-36

Groundwater Storage cont.



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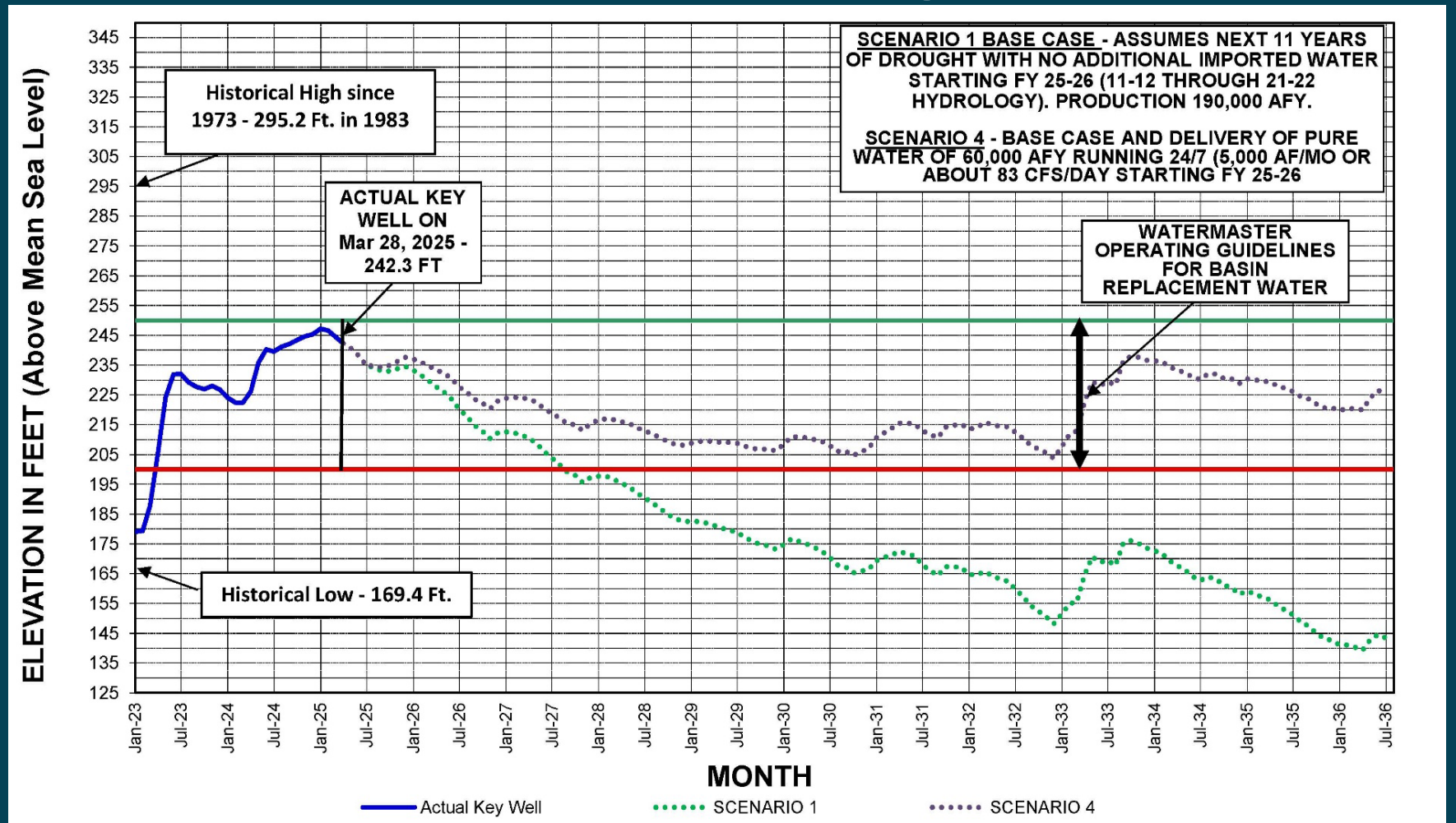
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
BALDWIN PARK KEY WELL GROUNDWATER ELEVATION
SCENARIO 3 - BASED ON MWD IRP SCENARIO D
(1 YR OF 100,000 AF, 5 YRS OF 45,000 AF, 4 YRS OF 20,000 AF)
PROJECTED THROUGH FY 2035-36

Groundwater Storage cont.



STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
BALDWIN PARK KEY WELL GROUNDWATER ELEVATION
SCENARIO 4 - PURE WATER DELIVERIES 24/7
OF 60,000 AFY
PROJECTED THROUGH FY 2035-36

IRP Findings

Supply and Demand

- Reduced water demands are not expected to significantly rebound
- Future water demand increases are not expected to be significant
- Local water supply forecast based on historic dry period (2011-2022)
- Reduction in local supply is greater than demand reduction
- Imported supply requirement is greater than historic average
- MWD in shortage frequency 20% (assumes no future MWD investment)

IRP Findings

Future Water Resource Management Tools

- Maximize storage of imported water supply utilizing MWD cyclic storage
- Continue conservative operating safe yield in combination with RDA (Watermaster Discretion)

Conclusions

- Groundwater levels can be maintained within operating range if local supplies return to dry conditions for an extended period
- Utilization of Watermaster's management tools, OSY and RDA essential to fund purchase of MWD direct delivery or cyclic water
- Continue to pursue local and regional water supply initiatives

Questions ?

One Water and Adaptation Committee

Update on Water Surplus & Drought Management

Item 6b

May 11, 2026

Presented by: Noosha Razavian

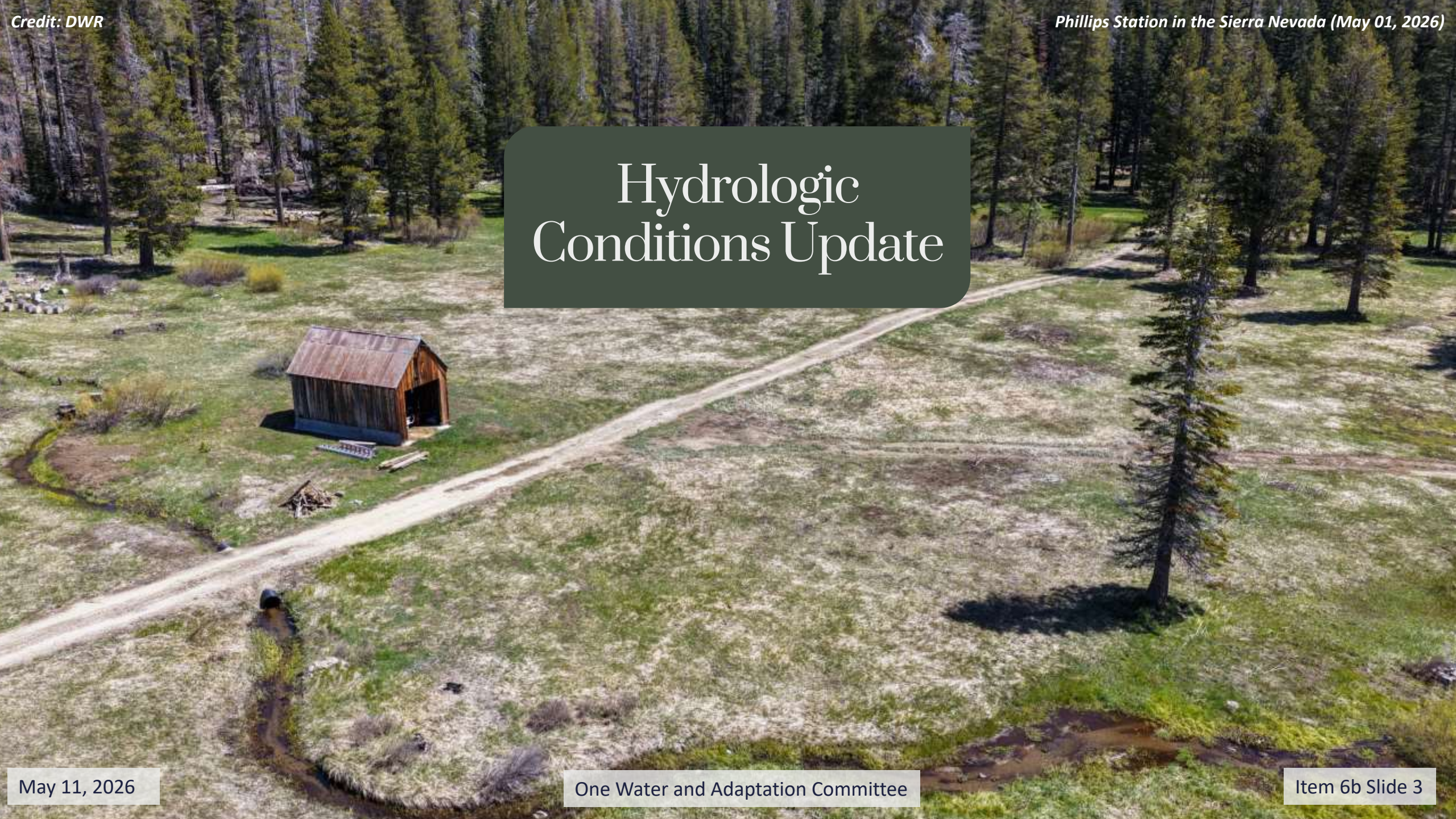
Item 6b
Update on WSDM

Subject

Oral Update on Water Surplus and Drought Management

Purpose

Provide updated supply and hydrologic information



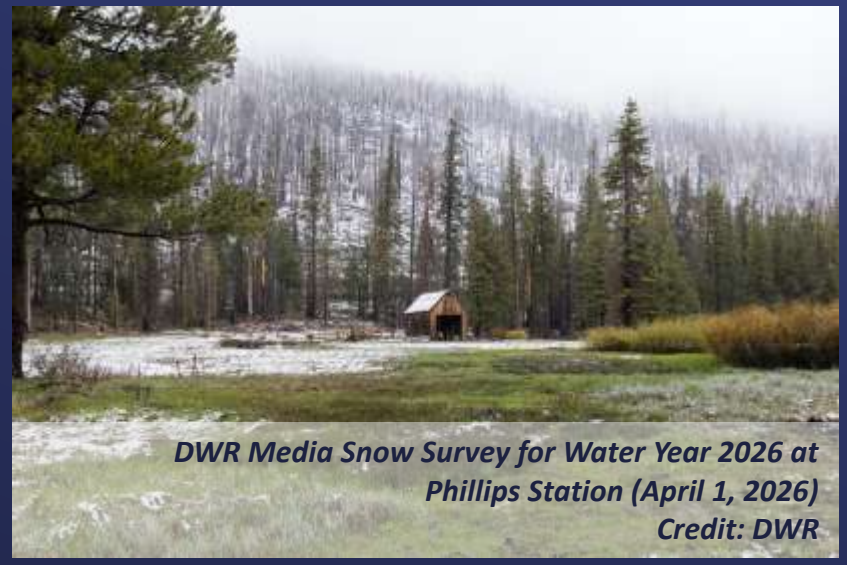
Hydrologic Conditions Update

SWP Update

Allocation Remains at 30%

- Additional increases to the SWP Allocation may occur
  - May allocation update will include favorable Lake Oroville levels and improved runoff projections
- Transfer capacity likely available in July - September
  - Metropolitan intends to purchase Yuba Transfer supplies this year (~8 TAF)

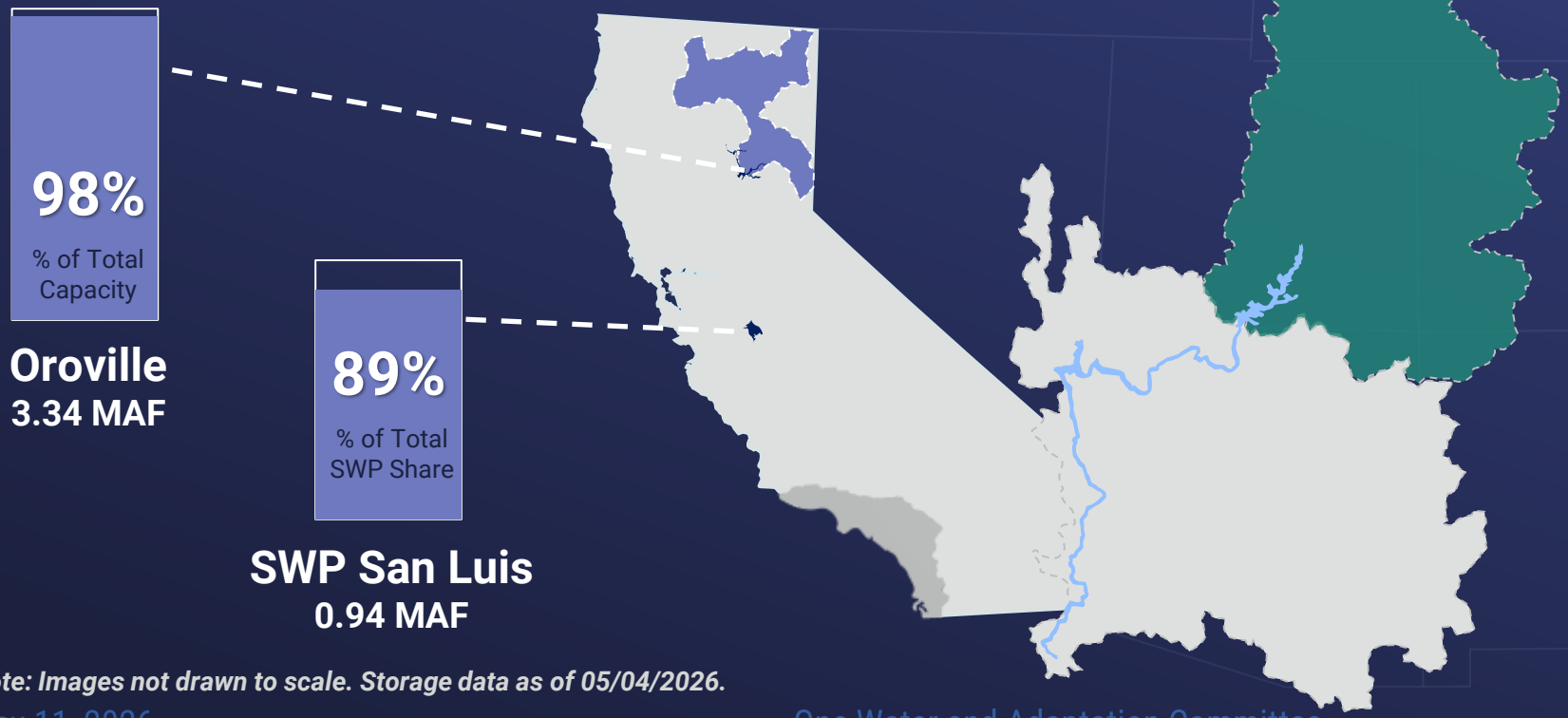
DWR Media Snow Survey for Water Year 2026 at Phillips Station (April 1, 2026) Credit: DWR



DWR Media Snow Survey for Water Year 2026 at Phillips Station (April 1, 2026) Credit: DWR

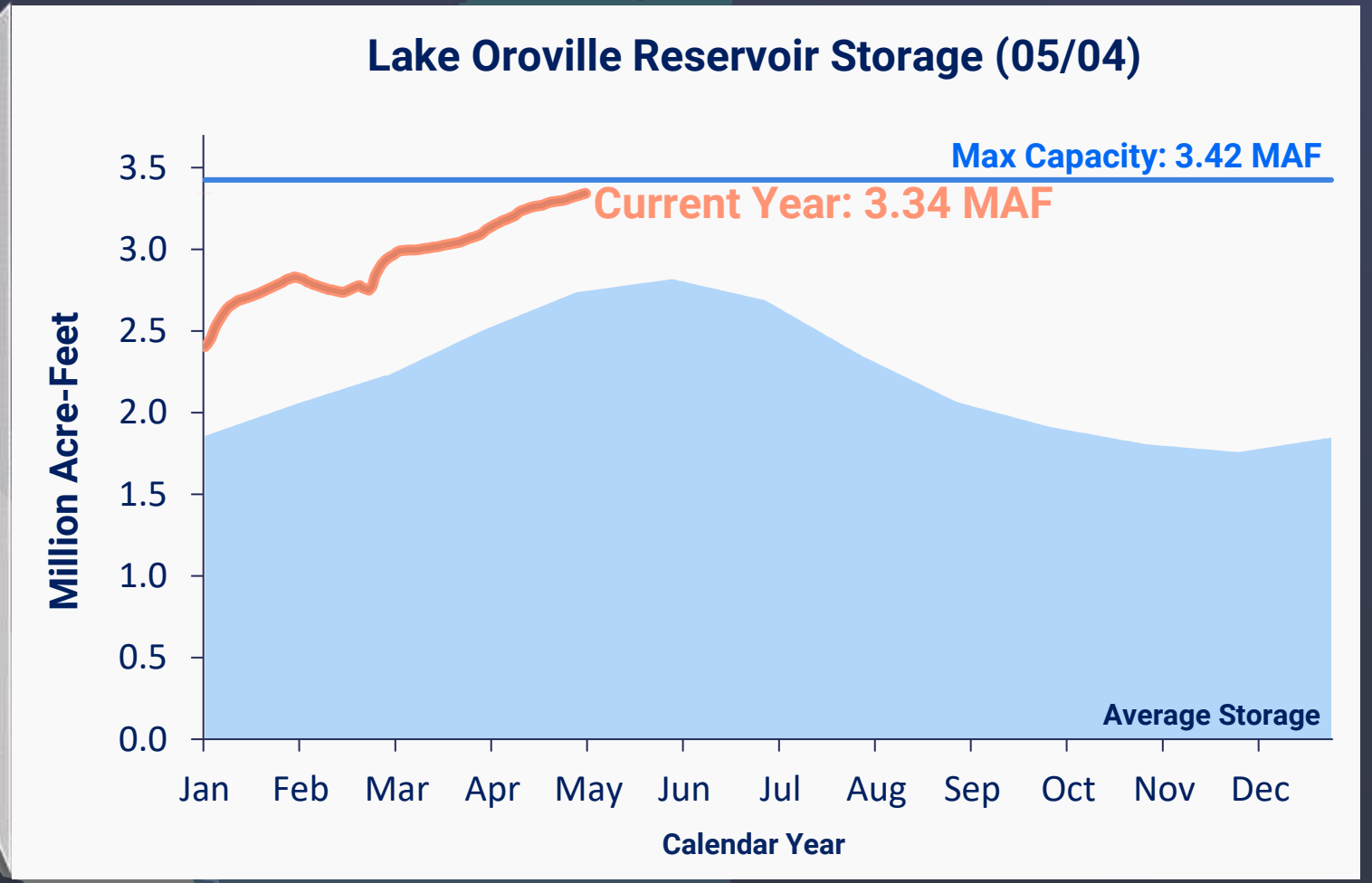
Hydrologic Conditions Summary: State Water Project

Northern Sierra 8-Station Index Precipitation		Northern Sierra Snowpack		Sacramento River Runoff 50% Exceedance	
49.4 in.	**101%**	**11.5 in.**	**43%**	**16.4 MAF**	**93%**
Value as of 05/05	% of Average	Peaked on 02/24	% of Apr 1 Avg.	Est. as of 4/28	% of Normal



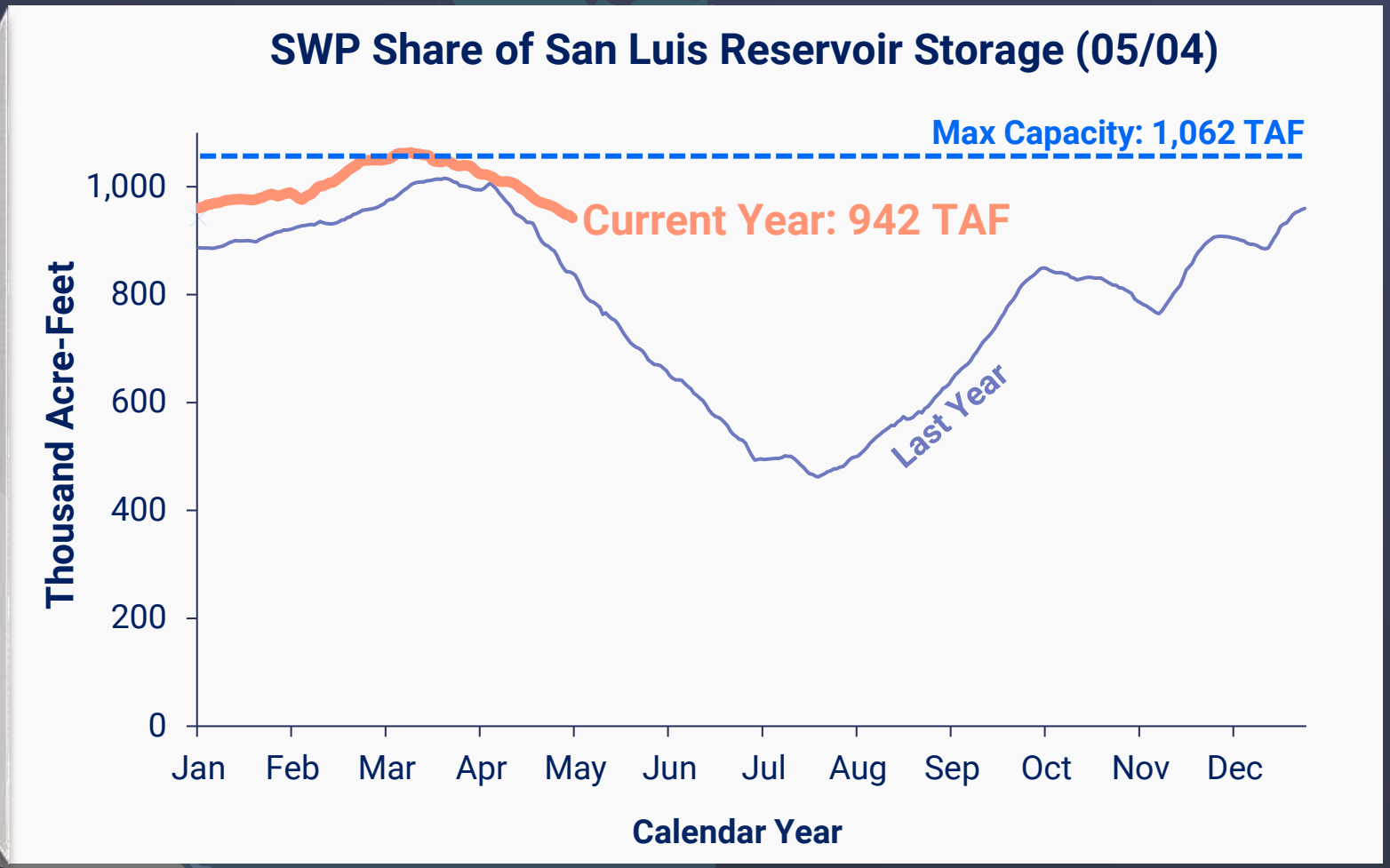
Note: Images not drawn to scale. Storage data as of 05/04/2026.

Lake Oroville Storage Continuing to Climb



Note: Images not drawn to scale.

Healthy Storage in SWP Share of San Luis



MEXICO

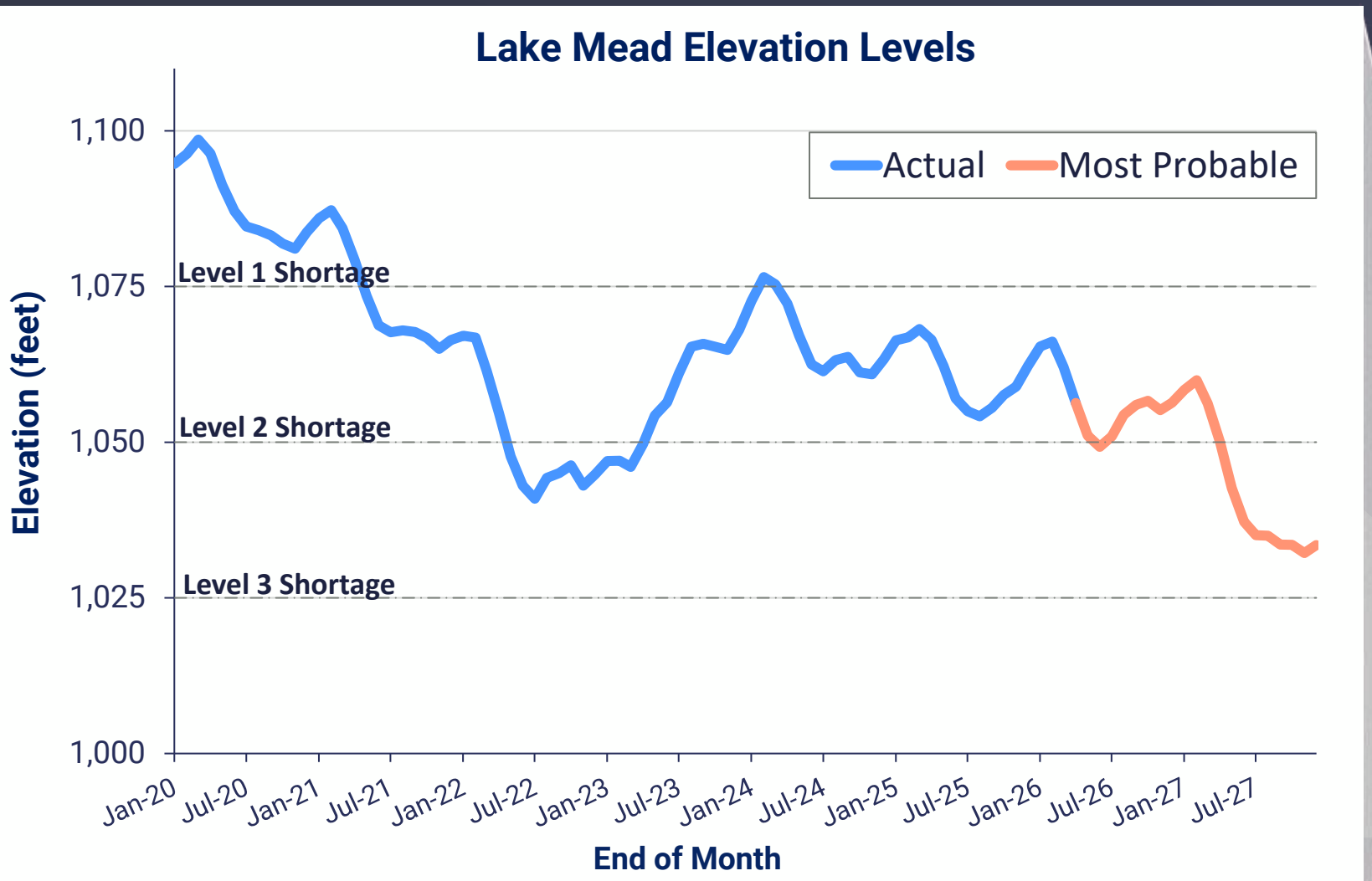
Note: Images not drawn to scale.

Hydrologic Conditions Summary: Colorado River

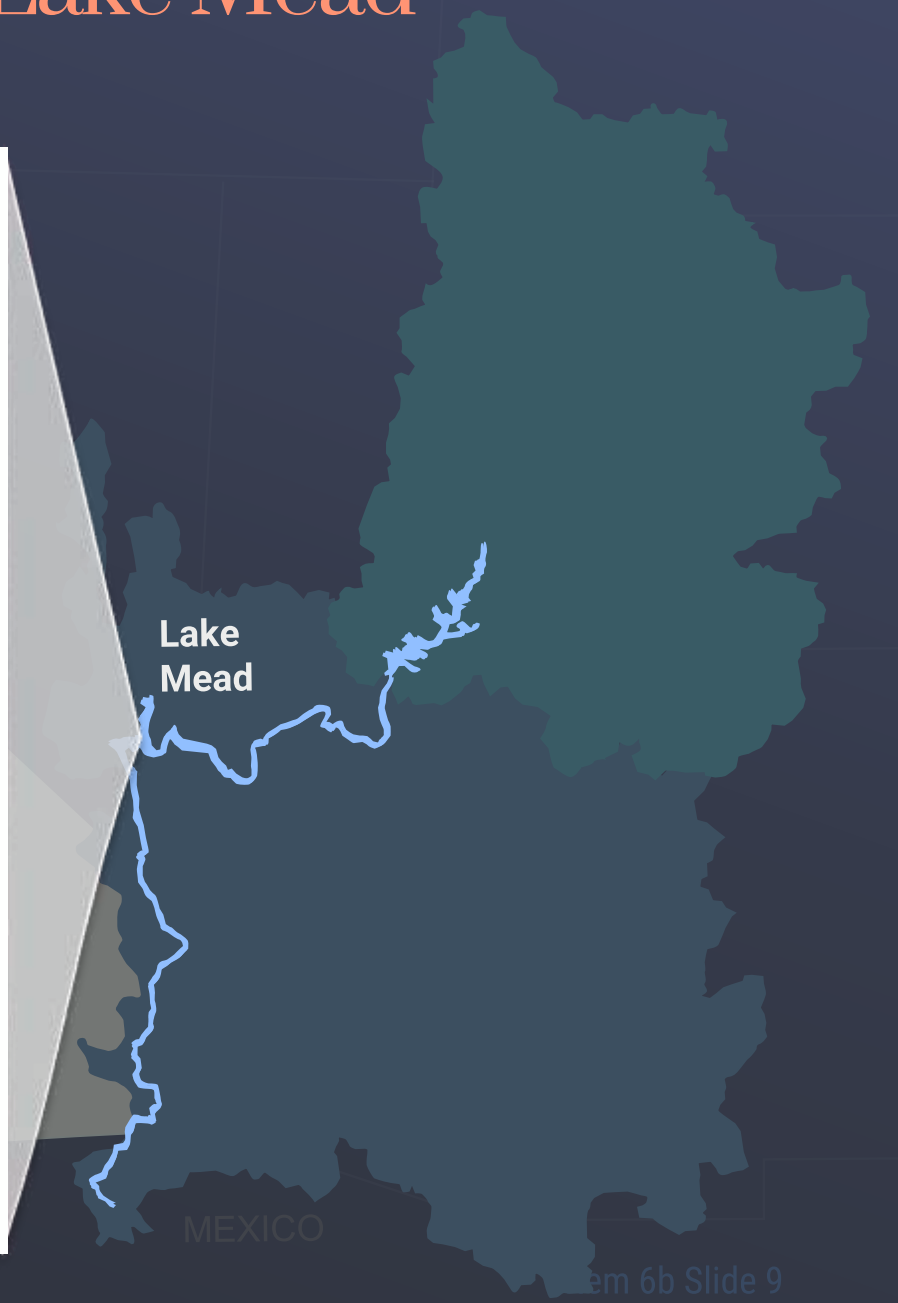
Upper Colorado River Basin Precipitation		Upper Colorado River Basin Snowpack		Lake Powell Unregulated Inflow	
16.7 in.	**82%**	**8.9 in.**	**54%**	**3.4 MAF**	**35%**
Value as of 05/05	% of Average	Peaked on 03/08	% of Apr 1 Avg.	Est. as of 4/21	% of Normal

Note: Images not drawn to scale. Storage data as of 05/04/2026.

Declining Elevation Levels at Lake Mead



Source: U.S. Bureau of Reclamation's 24-Month study.



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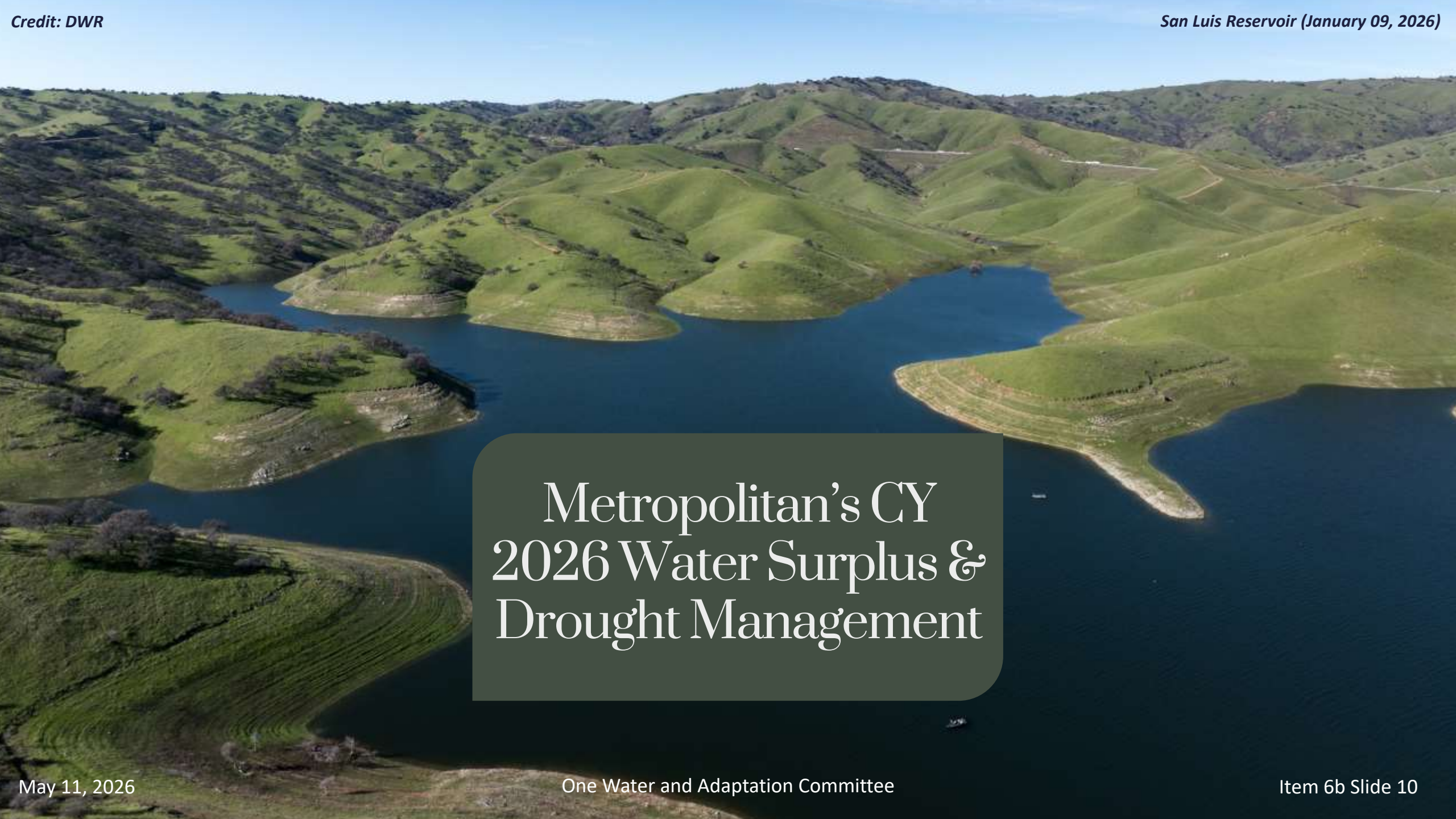
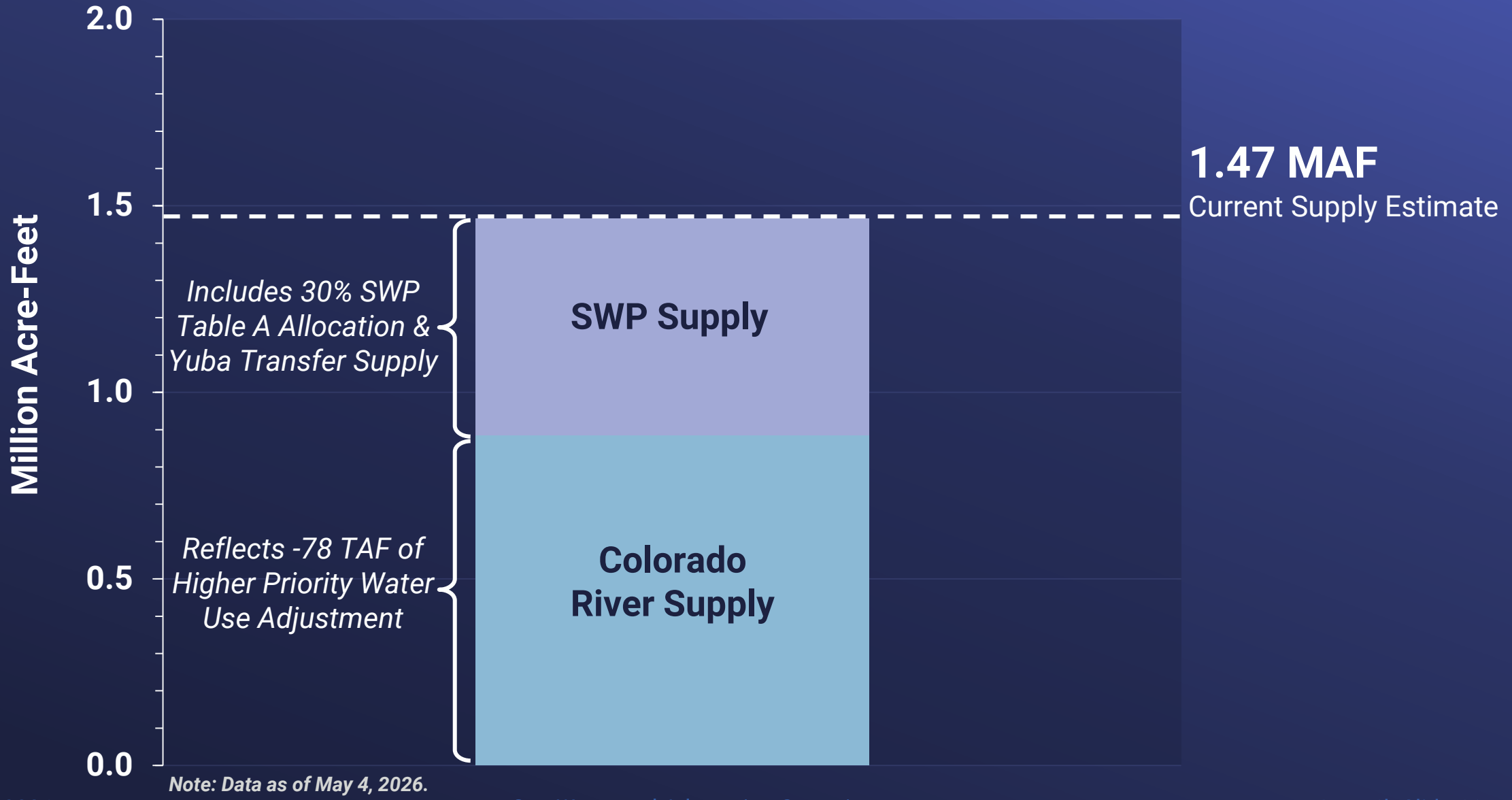


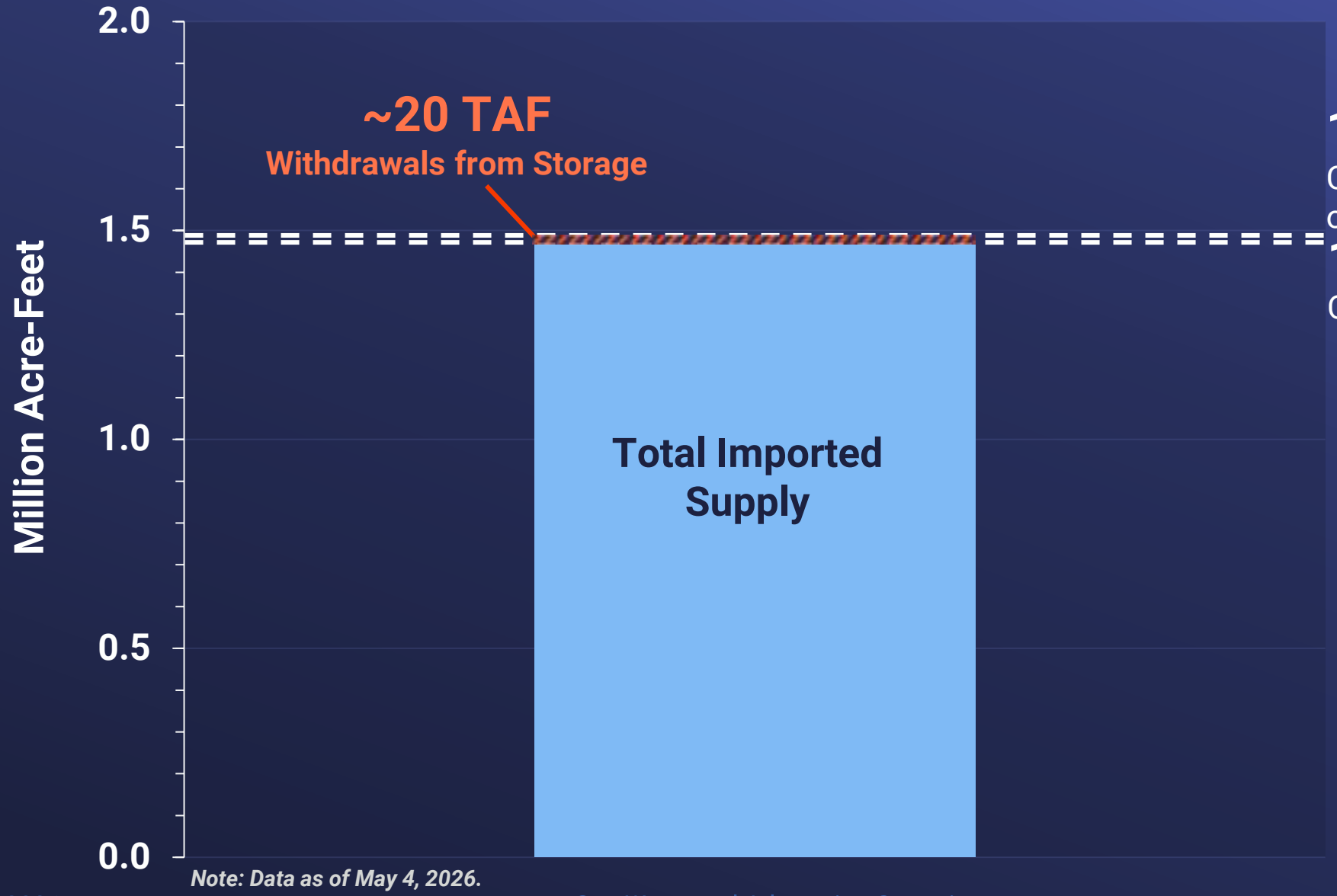
Metropolitan's CY 2026 Water Surplus & Drought Management

CY 2026 Water Supply/Demand Balance: Regional View



Note: Data as of May 4, 2026.

CY 2026 Water Supply/Demand Balance: Regional View



1.48 MAF
Current Demand Forecast on MWD

1.47 MAF
Current Supply Estimate

Demands include:

- **Consumptive & Replenishment Deliveries (~1.32 MAF)**
- **Conjunctive Use Program (33 TAF)**
- **Coachella Valley Exchanges (35 TAF)**
- **Water Sales to External Agencies (20 TAF)**
- **Additional Obligations & Losses (68 TAF)**

Note: Data as of May 4, 2026.


THE METROPOLITAN WATER DISTRICT OF
SOUTHERN CALIFORNIA
1928