



Update on Water Surplus and Drought Management

Water Planning and Stewardship Committee

Item 6a

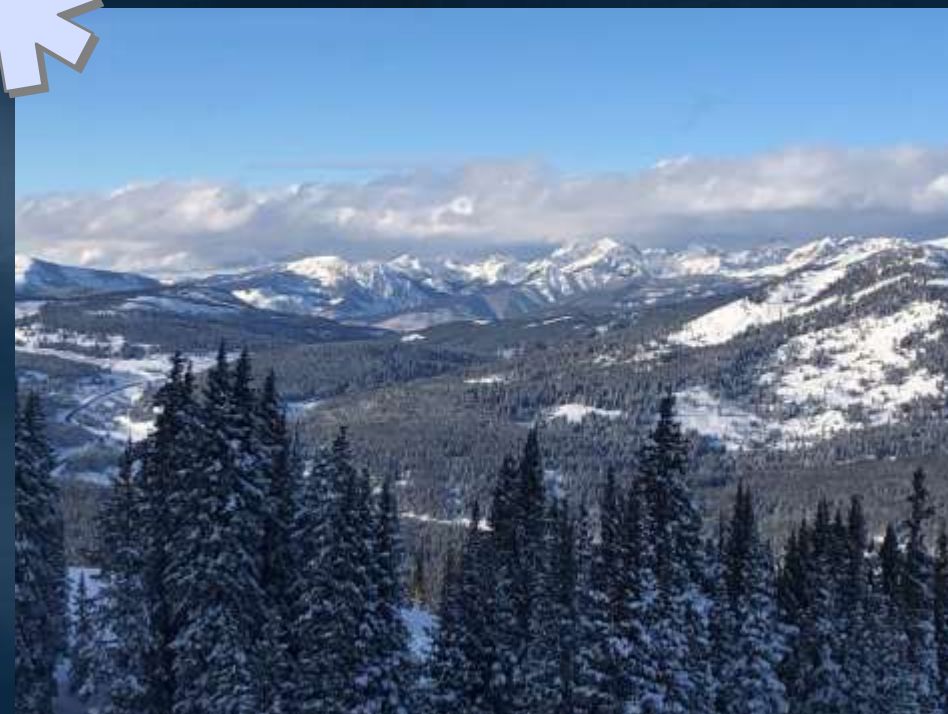
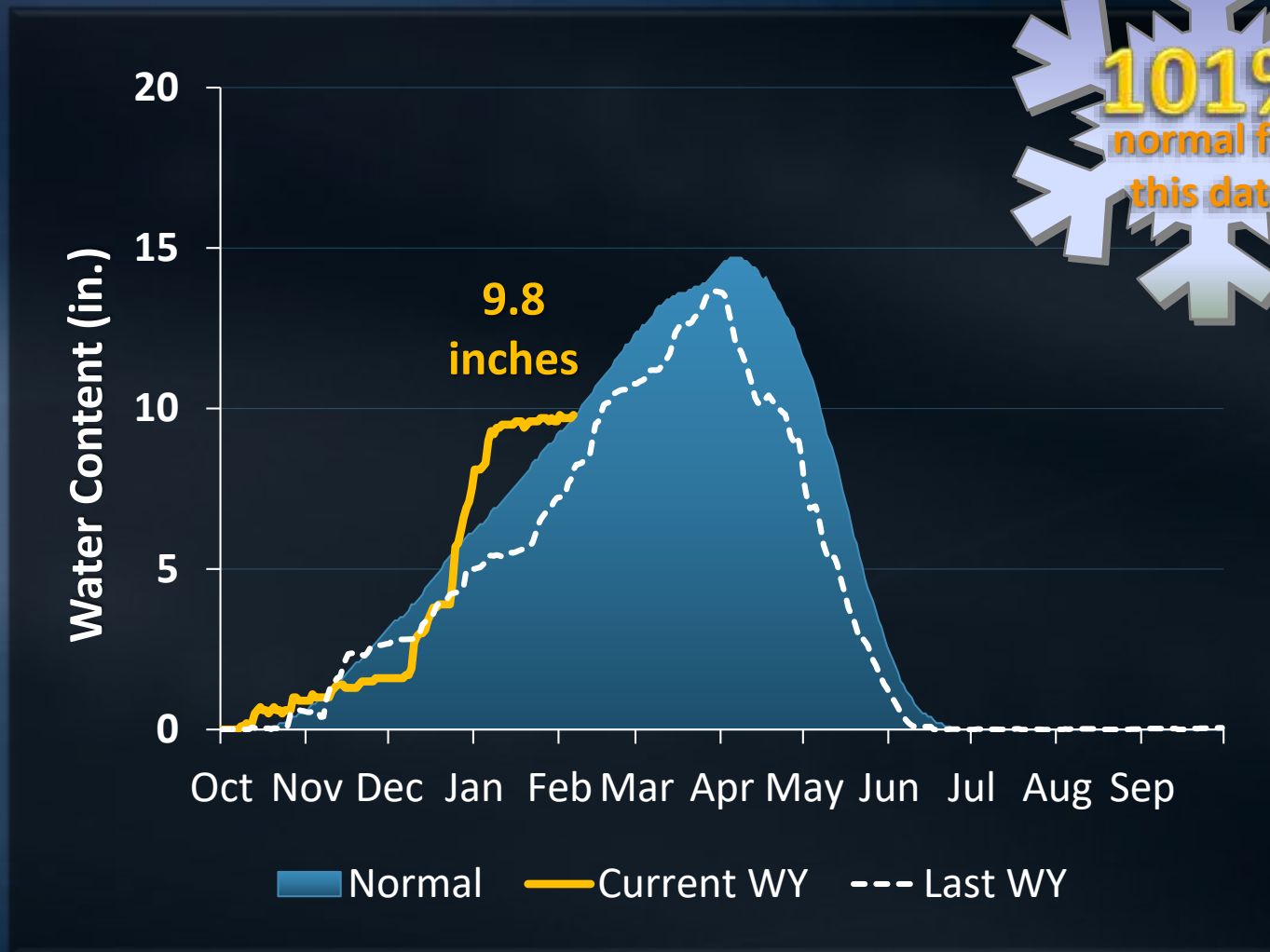
February 7, 2022

Outline

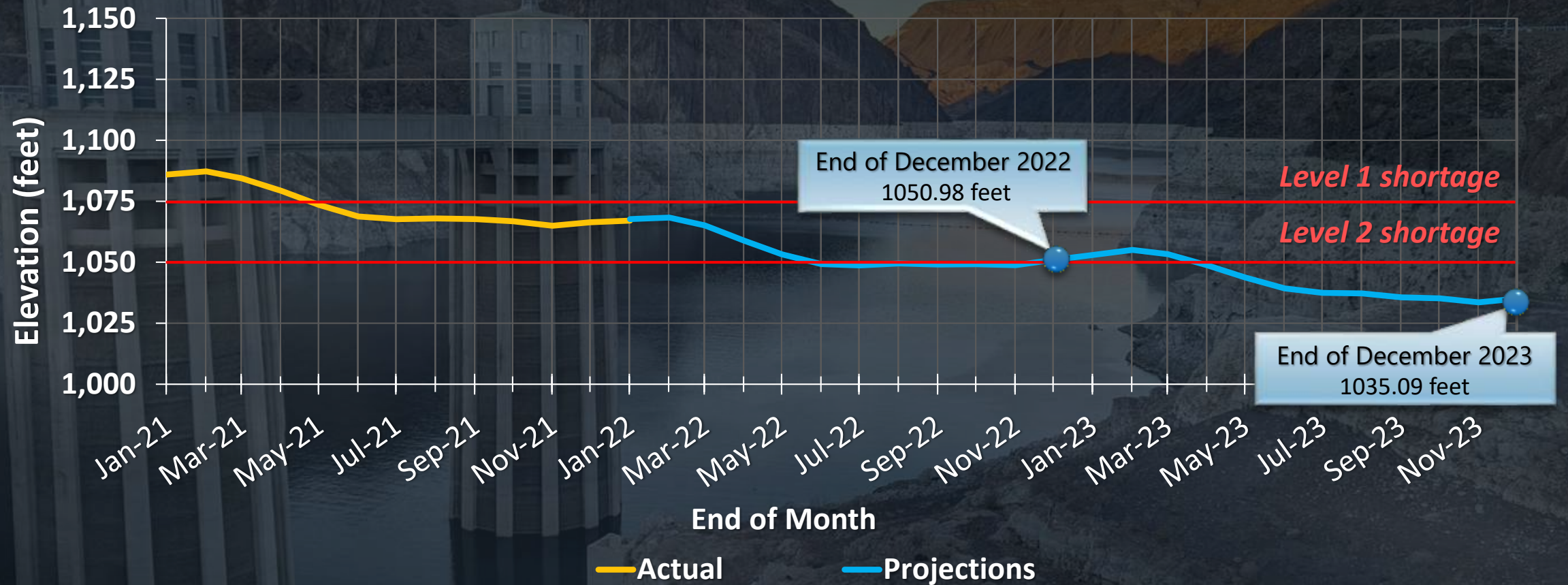
- Hydrologic Conditions
- State's Actions
- Supply and Demand Balances

Upper Colorado River Basin snowpack slightly above normal

As of 2/6/2022



USBR's 24-Month Study continues to project declining Lake Mead elevation



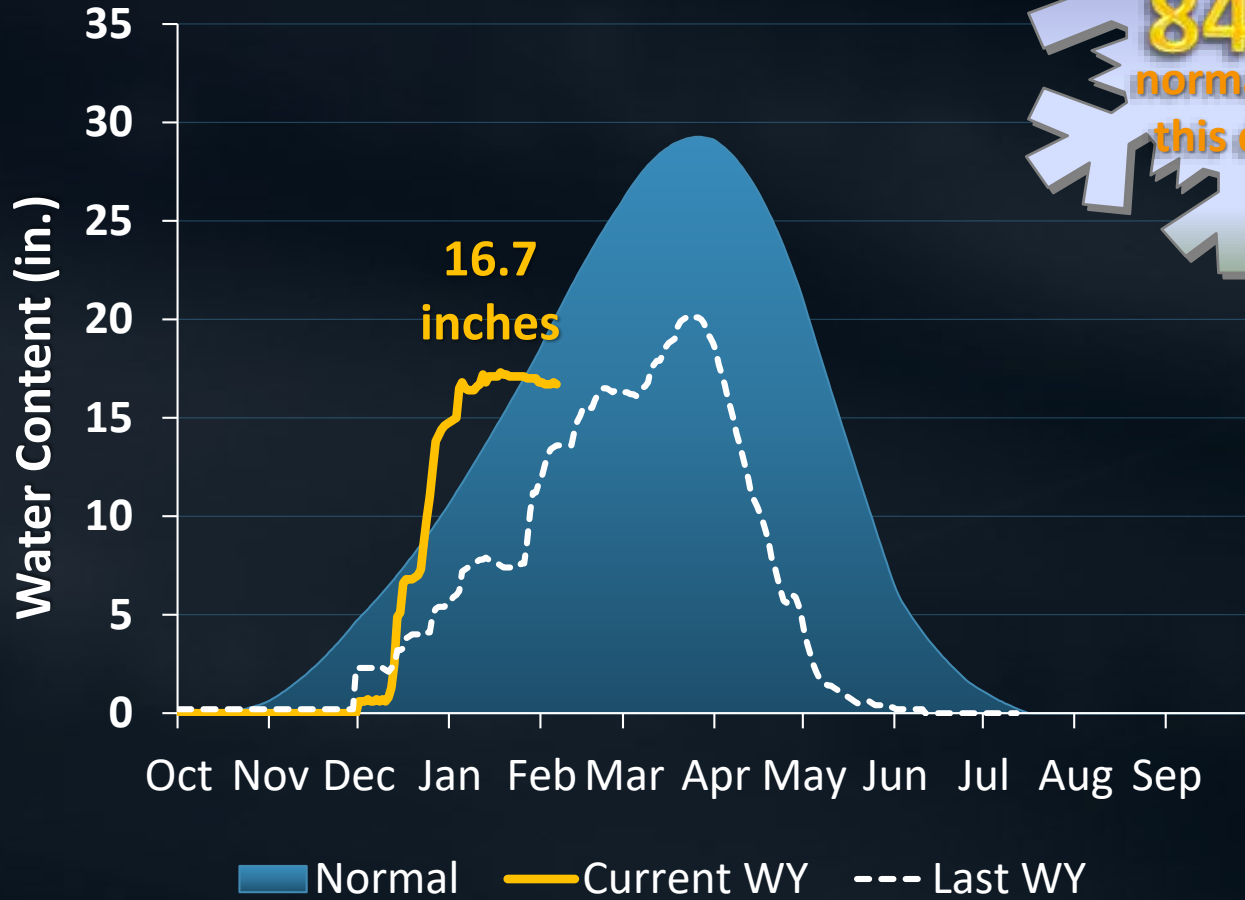
January 24-Month Study

February 7, 2022

Northern Sierra snowpack below normal

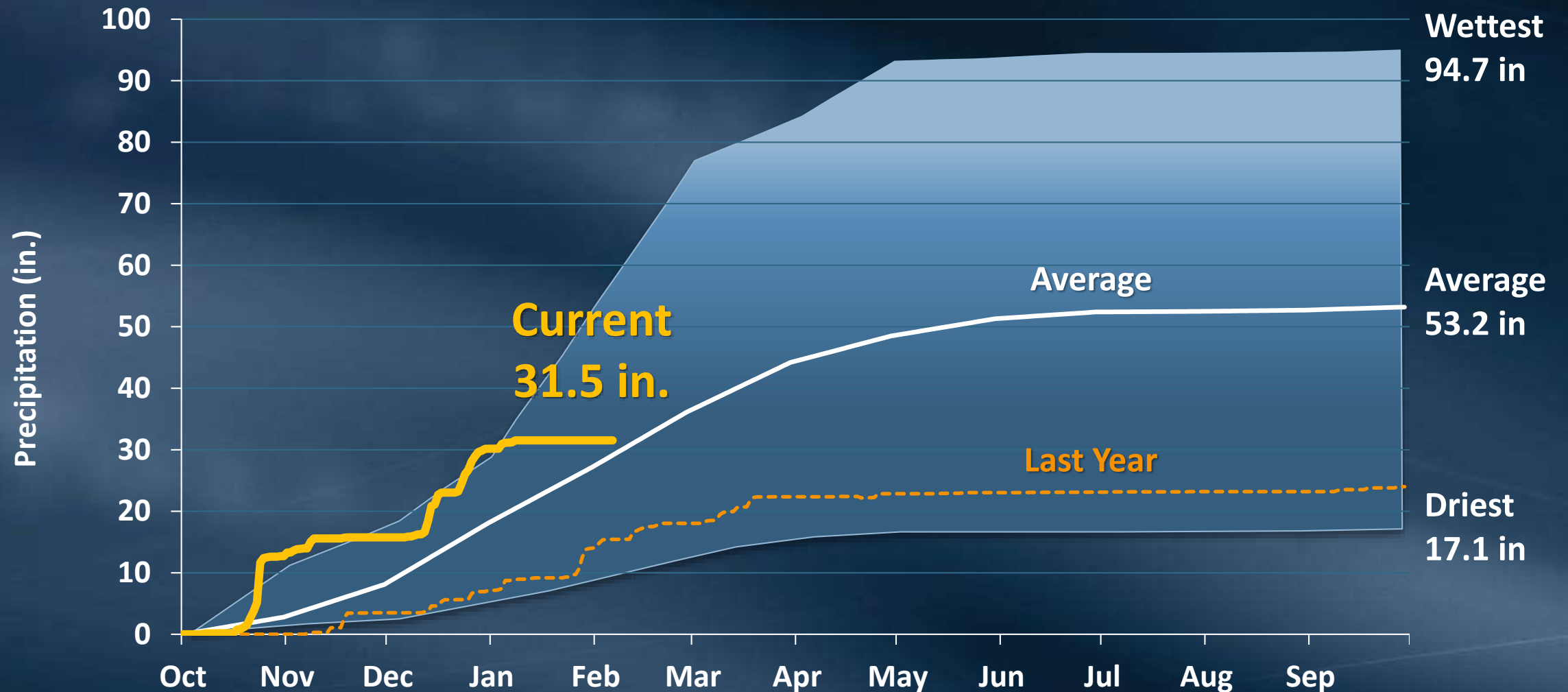
As of 2/6/2022

84%
normal for
this date



January 2022 becomes the 9th driest on record

8-Station Index (as of 2/6/2022)



Petition to relax regulations withdrawn

- DWR and USBR withdrew the application for a Temporary Urgency Change Petition (TUCP) for February 1 through April 2022
 - Petition would have provided flexibility for both projects to release less water into the Delta through April 2022 to conserve limited stored water in key reservoirs
- DWR and USBR continue to evaluate conditions and the potential need for a TUCP later in the year

DWR increases SWP allocation for 2022

- 15 percent of requested Table A supplies for 2022
 - This Table A allocation will reduce, on a 1:1 basis, any unmet human health and safety (HH&S) need volumes that were previously identified
- Table A allocations are updated as snowpack and runoff information are assessed
 - Final allocation typically determined in May or June
- DWR will continue to work with its water supply contractors to address any unmet health and safety needs for 2022

Ban on wasteful water practices in effect in California

- Emergency regulation became effective on January 18
- Emergency regulation requirements include
 - Turn off decorative water fountains
 - Use an automatic shutoff nozzle on your water hose
 - Use a broom, not water, to clean sidewalks and driveways
 - Give trees just what they need (avoid overwatering)
 - Turn off/pause irrigation systems when raining and two days after
- Ban remains in effect for one year, unless the State Board acts to end, modify, or readopt it

Actions still in effect

- Statewide Drought Emergency
- Water Supply Alert for Metropolitan's service area
- Drought Emergency in Metropolitan's service area dependent on state project water

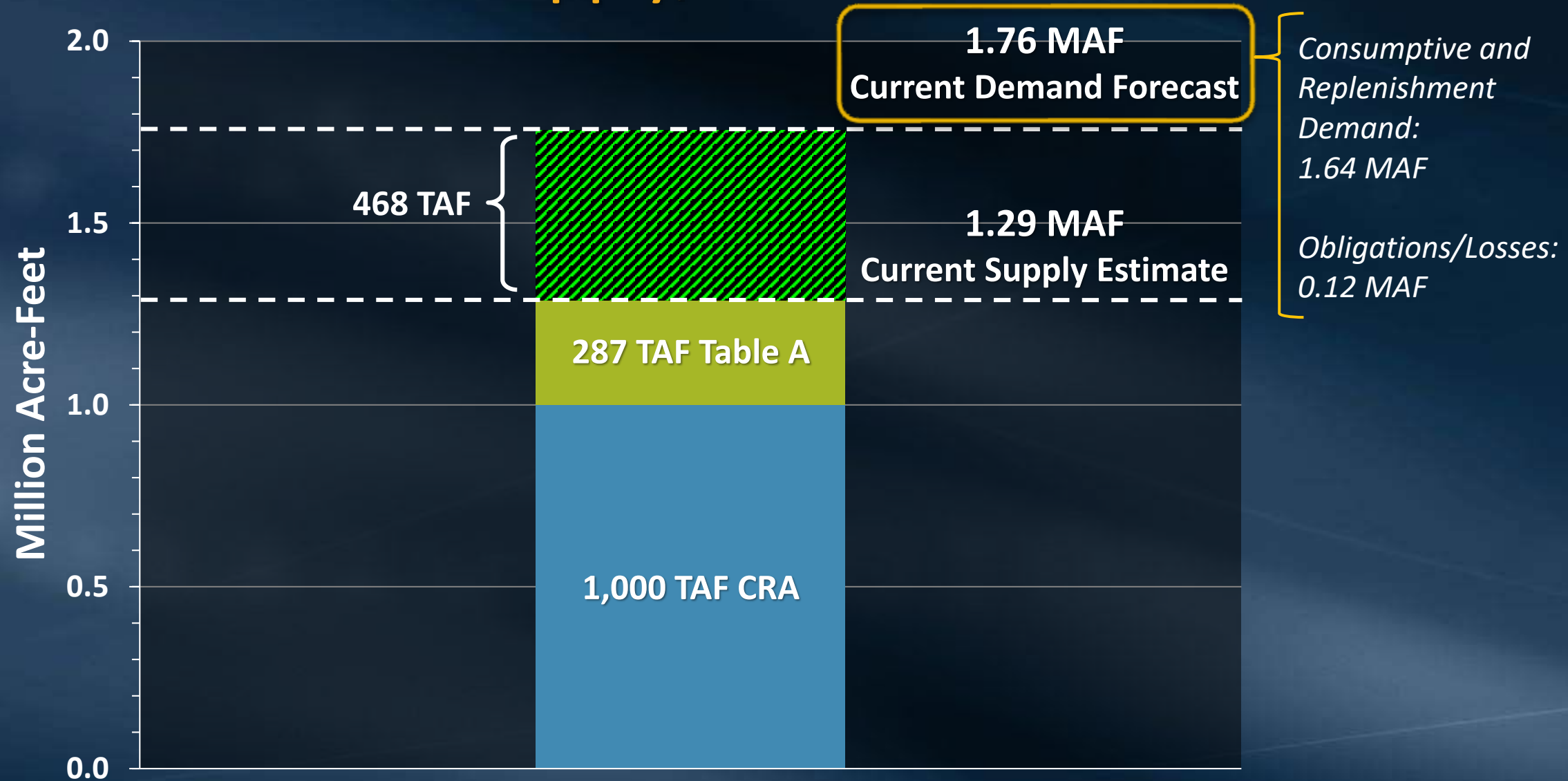


BASELINE Water Use Efficiency	Ongoing conservation, recycling, and outreach to build storage
CONDITION 1 Water Supply Watch	Local agency voluntary dry-year conservation measures and use of regional storage reserves
CONDITION 2 Water Supply Alert	Regional call for conservation through drought ordinances and other measures to mitigate use of storage
CONDITION 3 Water Supply Allocation	Implement Water Supply Allocation Plan: Level: 1 2 3 4 5 6 7 8 9 10

Update on drought actions and messaging

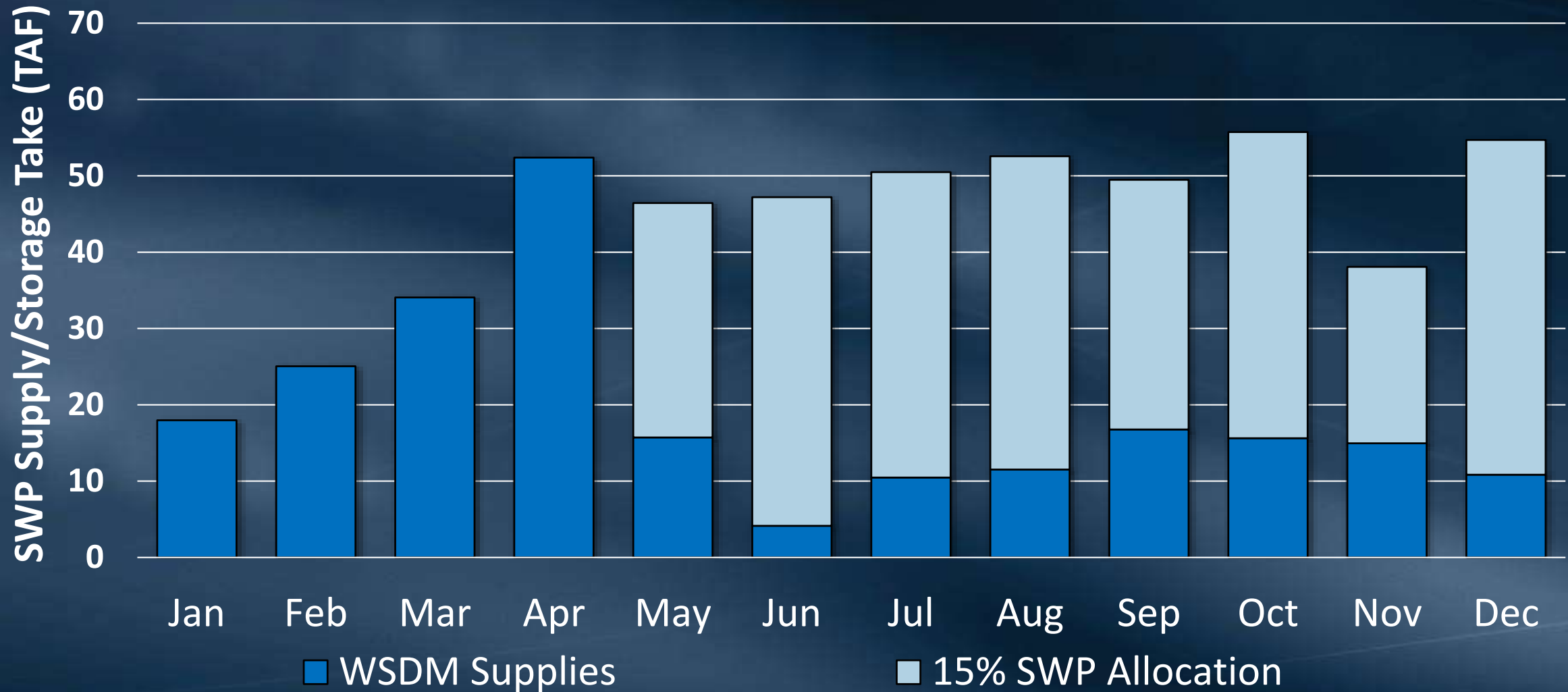
Item	2021	January 2022
Temporary Urgency Change Petition for Feb.-Apr. 2022	Filed	Withdrawn
Table A Allocation	Allocate based on Human Health & Safety needs	15% allocation
SWRCB wasteful water use prohibitions	Proposed	Adopted
State Emergency Drought Proclamation	All CA counties	No change
Metropolitan Declaration of Emergency Conditions	Adopted	No change
Regional Water Supply Alert	Adopted	No change

2022 Service Area Supply/Demand Balance



2022 SWP Dependent Area Monthly Demands

After Drought Actions – With 15% Allocation & Normal Demand

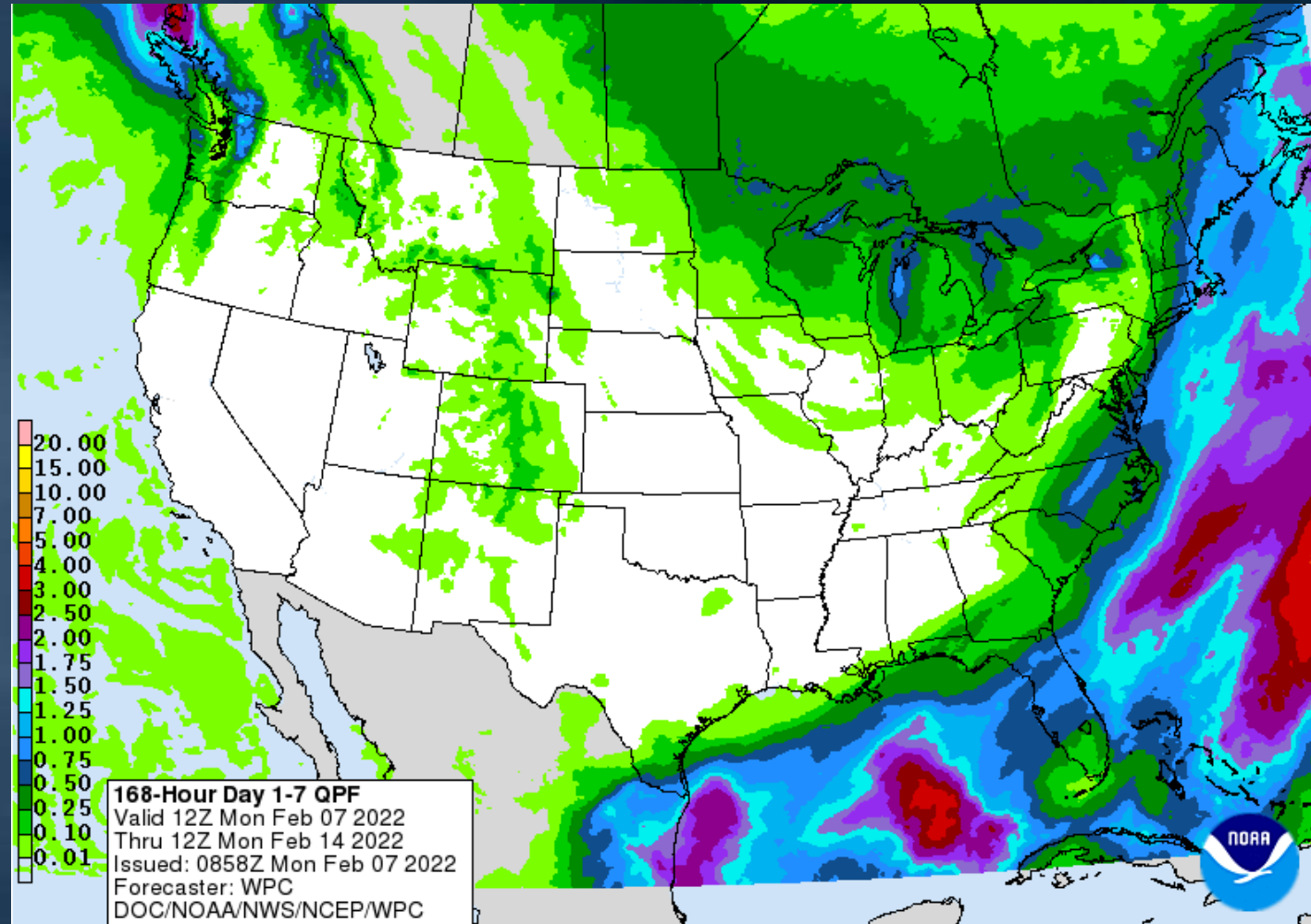


Metropolitan defers actions for mandatory demand reductions





- Not seeking to impose additional conservation measures for the SWP Dependent areas at this time
 - California Water Code Sections 350 and 375
- Track water supply and demand through year and recommend additional actions if needed later in the year

Precipitation forecast for the next 7 days

Feb. 7 – Feb. 14



Actions to address this drought and prepare for the next

Category	Storage 	Exchanges 	Pumping 	Programs 
<i>Description</i>	Groundwater, surface reservoirs	Partnerships and agreements for additional water supply	Reverse flow to deliver other sources of supply	In-region programs with Member Agencies
<i>Examples</i>	<ul style="list-style-type: none"> • AVEK High Desert Water Bank • New surface water reservoir(s) • Expansion of existing storage • Additional Castaic Flex storage 	<ul style="list-style-type: none"> • Semitropic increased take (SDCWA) • SBVMWD water exchanges • Friant/Arvin-Edison water exchange • MWDOC/IRWD agreement 	<ul style="list-style-type: none"> • DVL to Rialto (new interconnections) • Venice/Sepulveda new pump stations • Greg Avenue Pump Station expansion 	<ul style="list-style-type: none"> • More operational shift opportunities • Deferred deliveries (reverse cyclic)

Use of General Manager's delegated authority

- Board delegated authority to General Manager to address the statewide drought emergency (November 2021)
- Actions taken
 - Agreements with Arvin-Edison Water Storage District
 - Payment to increase return of stored supplies by securing additional Friant Surface Water Supplies to exchange with Metropolitan's stored supplies
 - 2011 MWD/OC/IRWD Coordinated Operating Agreement
 - Entered into letter agreement allowing use of previously stored State Water Project supplies developed in partnership with other State Water Contractors

Summary

- Emergency regulation in effect to prohibit wasteful water use
- December storms improved water supply conditions
 - DWR and USBR withdrew TUCP for February through April
 - SWP Table A allocation increased to 15 percent
 - Not seeking additional conservation measures to access health-and-safety supplies
- Metropolitan will continue to evaluate water supply conditions should emergency actions are needed later in the year
- Continued water-use efficiency is vital to satisfy demands this year and preserve supply for next year

