Adopt CEQA determination and adopt resolution to declare a “Condition 1 – Water Supply Watch”

Water Planning and Stewardship Committee
Item 8-6
May 8, 2017

Overview

- WSDM Update
  - Changes since last update
  - 2017 Water Supply Demand Balances
- Water Condition Action
  - Adopt a resolution to declare a "Condition 1 – Water Supply Watch"

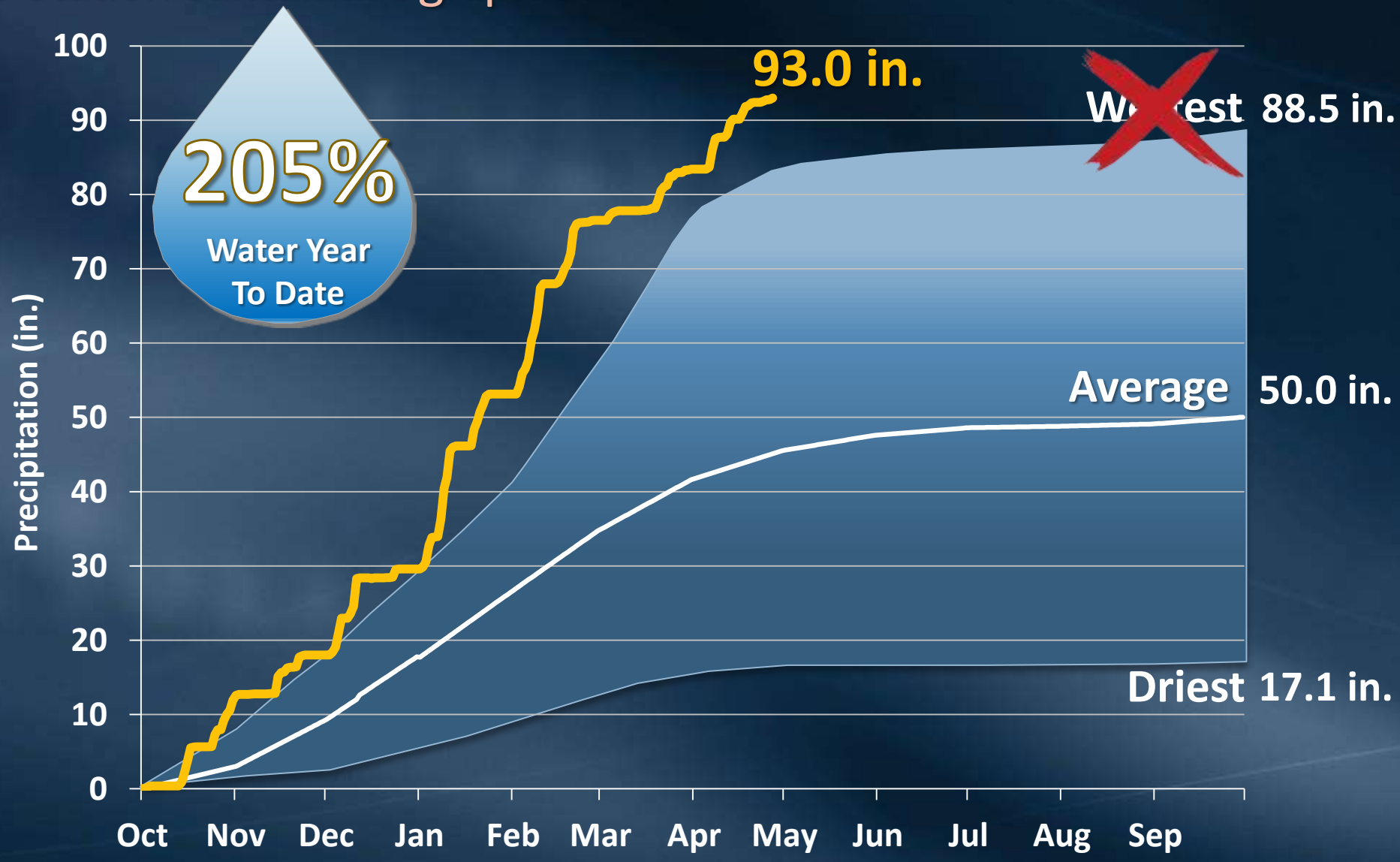
WSDM Update

Changes Since April's Water Planning & Stewardship Committee Meeting

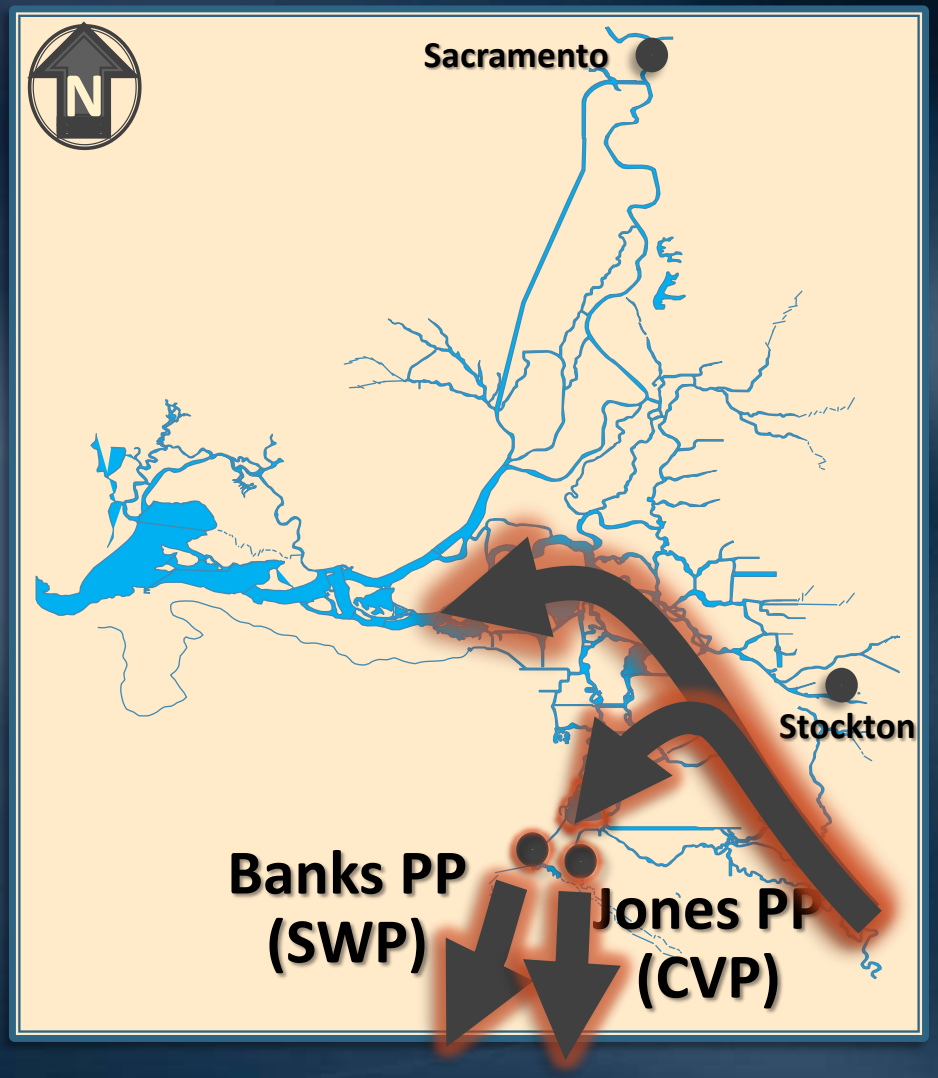
- 2017 officially becomes wettest year on record for northern California
- Clifton Court operational
- Oroville 2017 operating plan determined
- SWP Allocation increased to 85%
- Powell/Mead Equalization not triggered

2017 8-Station Shatters Record

8-Station cumulative graphic



Delta Operations



- Joint Point of Diversion invoked
- Clifton Court operational
- San Joaquin flows remain high
- San Luis Reservoir starting to refill

SWP Supply Status

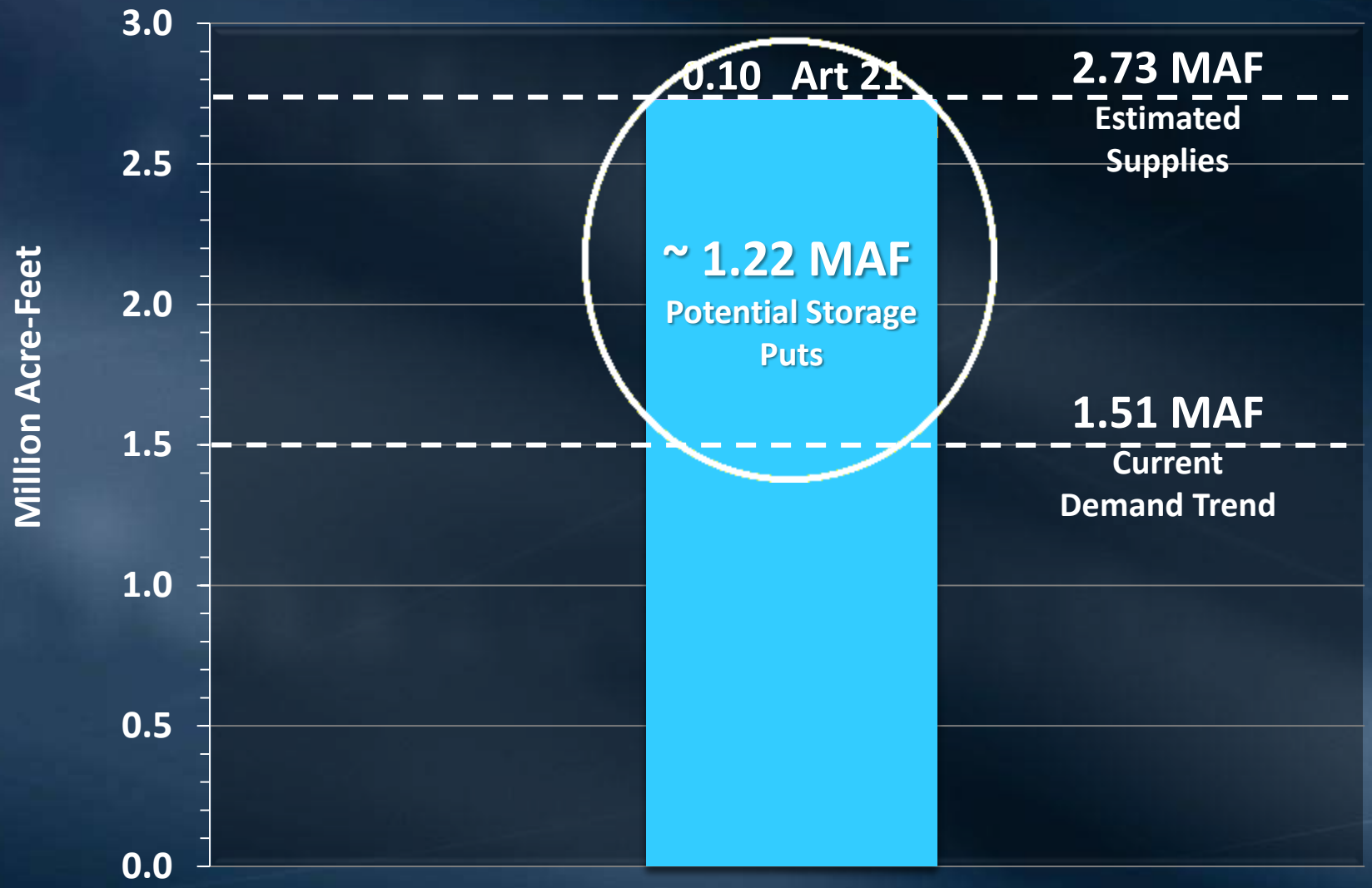
- Metropolitan has received ~100,000 AF of Article 21 supplies through April
- Article 21 supplies intermittent by nature
- Anticipate +/- 50,000 AF of additional deliveries by end of year
- SWP allocation now 85%

2017 Supply Demand Balances

85% SWP Allocation

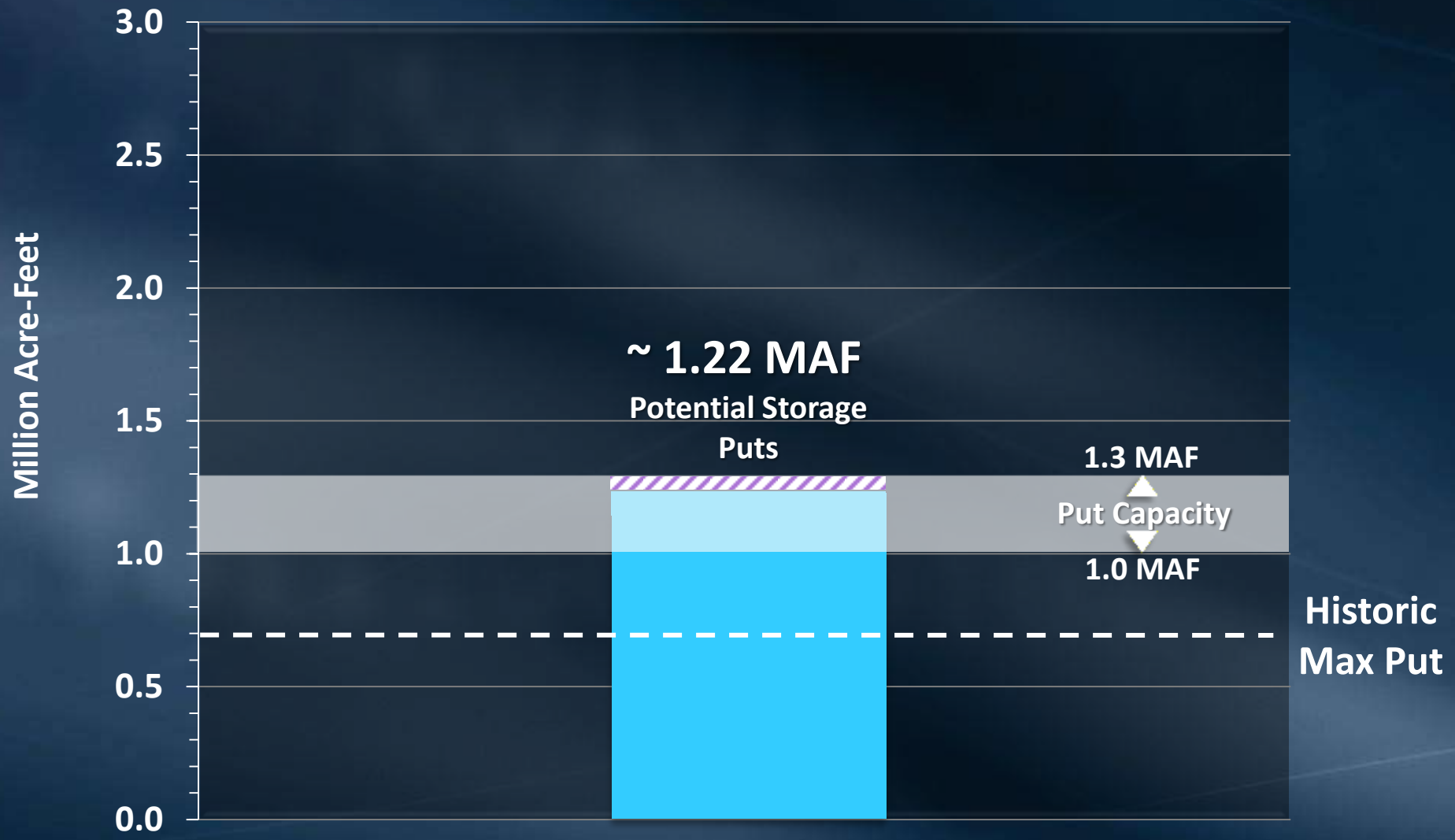
2017 Supply Demand Balances

85% SWP Allocation



2017 Supply Demand Balances

85% SWP Allocation

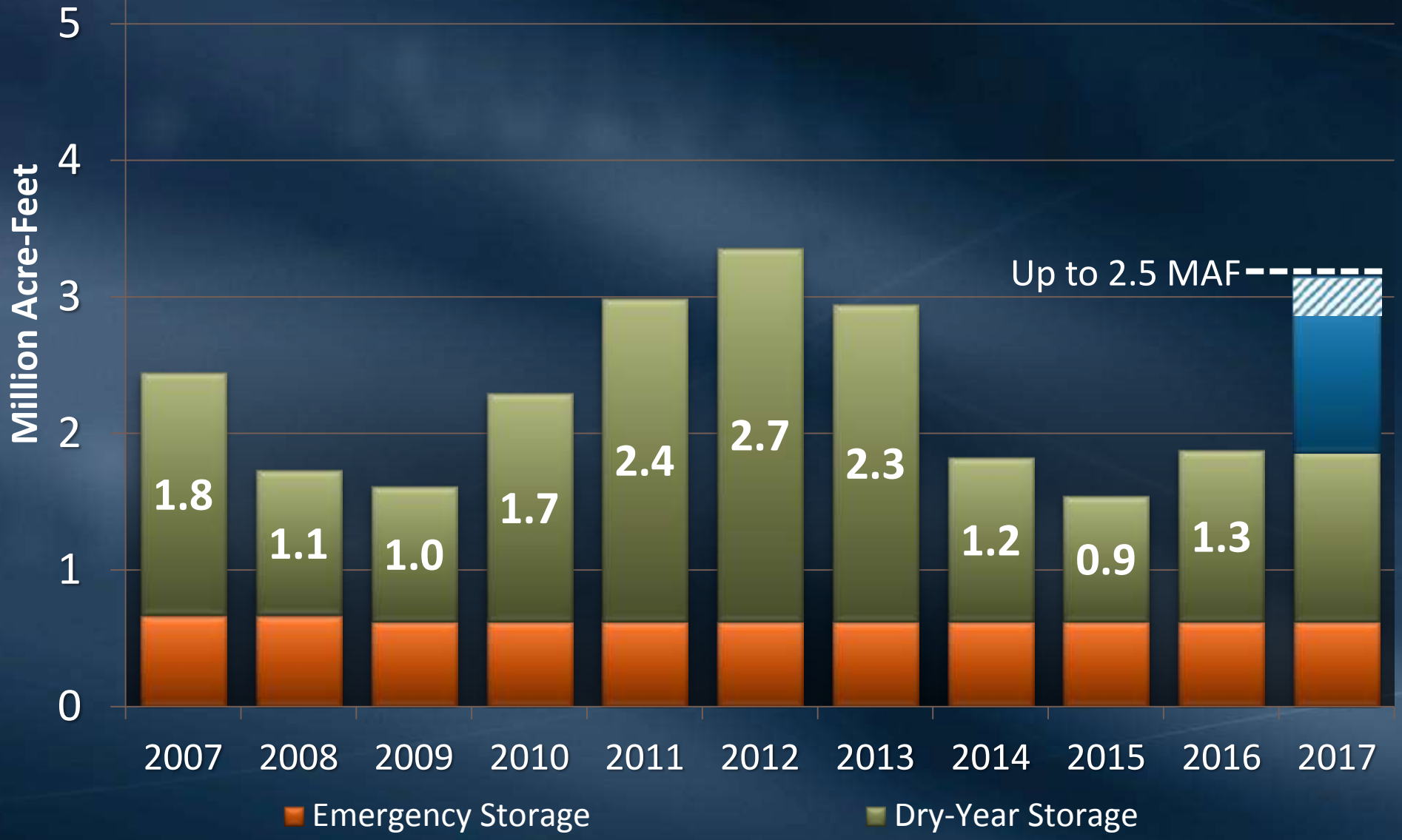


Actions Underway

- Expand put capacity of Lake Mead ICS
- Increase deliveries to conjunctive use and cyclic storage accounts
- Increase deliveries to banking programs
- Consider system additions and modifications to increase storage capability
- Work to store as much water as possible

Metropolitan is Forecasting an Increase in Storage Reserves this Year

End of Year Balances



Questions / Comments

Water Condition Action

Water Condition Framework

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 . . .

Status of Water Condition

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
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Feb 2014 | Apr 2015 | May 2016 | May 2017

Conditions Since May 2016

- Improved water supply conditions
  - Governor declares an end to the drought state of emergency
  - SWP Reservoirs filling and allocation increased
  - On track for the largest annual increase in storage
- Year-to-year shortage uncertainties
  - Storage is rebounding, but not yet at pre-drought levels
  - SWP facing operational constraints
  - Conservation practices continue

Recommended Water Condition

BASELINE **Water Use Efficiency**	Ongoing conservation, recycling, and outreach to build storage
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Feb 2014	Apr 2015	May 2016	May 2017

Board Options

- Option 1 – adopt the CEQA determination and:
  1. Adopt a resolution to declare a "Condition 1 – Water Supply Watch"
- Option 2:
  1. Do not adopt the proposed Water Supply Watch Resolution

Staff Recommendation

- Option 1