



# Declaring a Condition 2 - Water Supply Alert

Water Planning and Stewardship Committee

Item 7-5

August 16, 2021

# Overview

- Revisit Metropolitan's Water Supply Condition Framework
- Recommendation to move to Condition 2: Water Supply Alert

# Water supply condition framework background

- Adopted in 2008
- Communicates the urgency of the region's water supply situation, based on prevailing supply and demand conditions
- Four conditions with increasing heightened levels of conservation response
- Intended to encourage proactive steps to reduce the region's water demand before a need for more severe actions
- Board determines movement from one Condition to another

# Water Supply Condition Framework

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

Feb  
2014

April  
2015

May  
2016

May  
2017

# Currently at Condition 1: Water Supply Watch

<u>BASELINE</u> Water Use Efficiency	Ongoing conservation, recycling, and outreach to <b><u>build</u></b> storage
<u>CONDITION 1</u> Water Supply Watch	Local agency voluntary dry-year conservation measures and <b><u>use</u></b> of regional storage reserves
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# Recommending Condition 2: Water Supply Alert

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Aug  
2021

# Proposed Water Supply Alert Resolution

- Declares that Southern California in Metropolitan's service area is in a Water Supply Alert condition
- Urges cities, counties, member agencies, and retail agencies to review their past drought response measures and their newly-adopted Water Shortage Contingency Plans to identify and implement appropriate demand reduction actions to help consumers voluntarily save water
- Metropolitan will work with the member agencies to develop a unified regional message of the need for continued conservation
- Metropolitan will work to obtain state funding and other resources to accelerate conservation and supply programs

# Intent of Resolution

- Recognition that drought conditions persist in both imported water supply watersheds
  - Warm temperatures and dry soils have depleted the expected runoff
  - Storage in Lake Powell, Lake Mead and Oroville are at record low levels
- Supply outlook for both imported watersheds is bleak
  - Zero percent initial SWP Allocation
  - First shortage declaration for 2022 for the Lower Colorado River Basin



# Intent of Resolution

- Recognition of the investments that southern California has made in local supply programs and conservation thereby reducing the need for imported supplies
- Recognition of the investments made in Metropolitan's distribution system increasing operational flexibility and partnering with its member agencies to minimize use of SWP supplies
- In support of the actions by the state to support water use efficiency and avoid disincentivizing future investments in water supply reliability with a "one-size fits all" approach

# Recommended Action

- Declare a “Condition 2 – Water Supply Alert”
- Adopt resolution

# Board Options

- Option #1
  - Adopt the proposed Water Supply Alert Resolution.
- Option #2
  - Adopt the proposed Water Supply Alert Resolution with modifications to the actions called for within the resolution.
- Option #3
  - Do not adopt the proposed Water Supply Alert Resolution.

# Staff Recommendation

- Option 1

