



Water Supply Conditions & Reliability Activities



Elected Officials Forum
April 1, 2021

Harvey De La Torre
Assistant General Manager

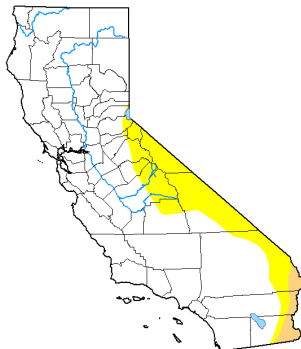
California Drought Monitor



October 2019 = 2% Moderate Drought (D1) in California

March 2021 = 59% Severe to Exceptional Drought (D2 to D4) in California

U.S. Drought Monitor California



October 22, 2019
(Released Thursday, Oct. 24, 2019)
Valid 8 a.m. EDT

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	62.26	17.74	2.06	0.00	0.00	0.00
Last Week (9-15-2019)	65.40	14.60	2.06	0.00	0.00	0.00
3 Months Ago (8-13-2019)	95.68	4.32	0.00	0.00	0.00	0.00
Start of Calendar Year (1-1-2019)	7.77	92.23	75.17	14.12	2.10	0.00
Start of Water Year (10-1-2018)	95.29	4.71	2.06	0.00	0.00	0.00
One Year Ago (10-29-2018)	15.16	84.84	47.84	19.30	2.73	0.00

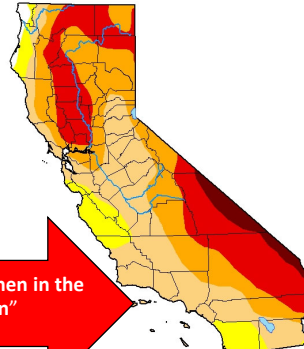
Intensity:
None D0 Abnormally Dry D1 Moderate Drought D2 Severe Drought D3 Extreme Drought D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Drought Conditions Strengthen in the 2020-21 "Wet Season"

droughtmonitor.unl.edu

U.S. Drought Monitor California



March 16, 2021
(Released Thursday, Mar. 18, 2021)
Valid 8 a.m. EDT

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.78	90.22	90.62	58.59	28.54	3.75
Last Week (3-09-2021)	0.78	90.25	90.89	58.59	28.54	3.75
3 Months Ago (12-16-2020)	0.00	100.00	95.17	74.35	33.75	1.19
Start of Calendar Year (1-1-2021)	0.00	100.00	95.17	74.34	33.75	1.19
Start of Water Year (10-1-2020)	15.35	84.65	97.65	35.62	12.74	0.00
One Year Ago (3-17-2020)	24.64	75.36	47.59	1.25	0.00	0.00

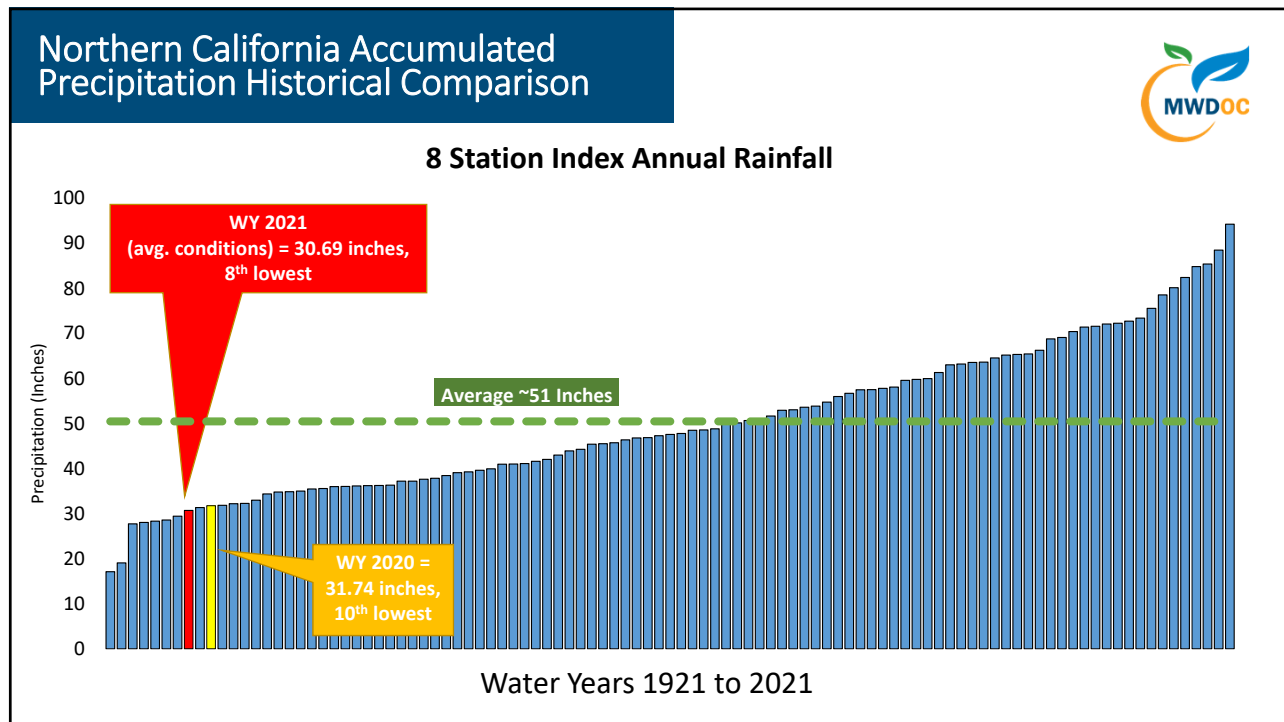
Intensity:
None D0 Abnormally Dry D1 Moderate Drought D2 Severe Drought D3 Extreme Drought D4 Exceptional Drought

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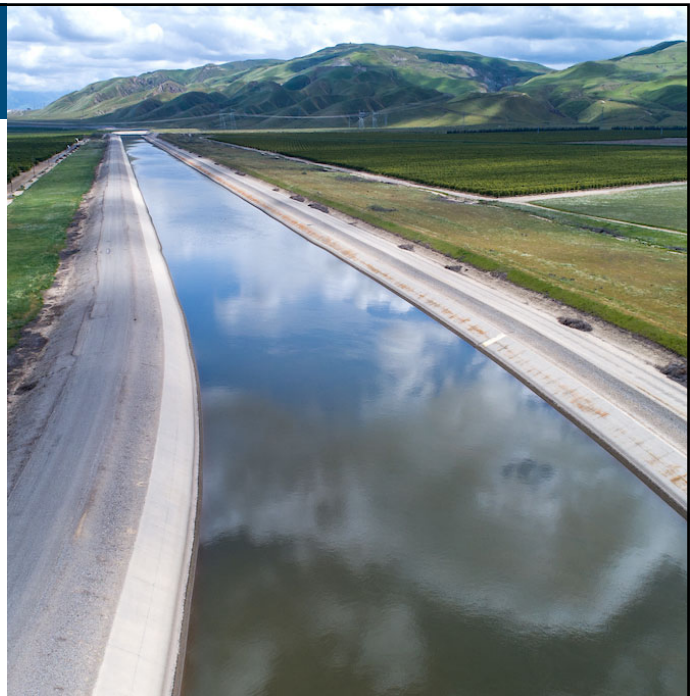


droughtmonitor.unl.edu

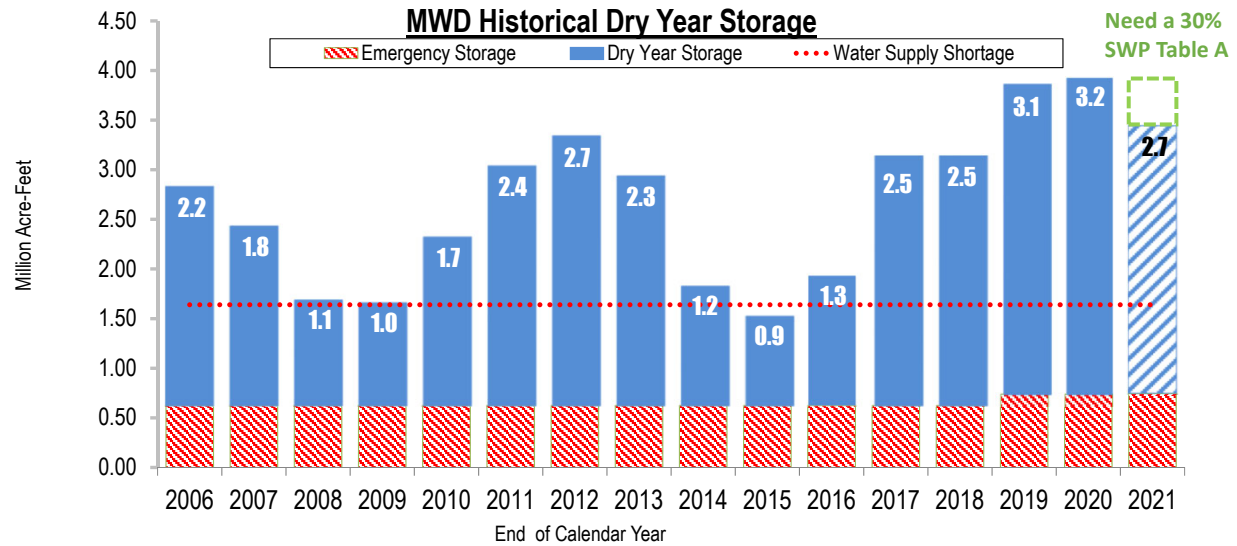


State Water Project (SWP) Allocation

- 💧 Following a dry winter, DWR decreased the “Table A” Allocation from 10% to 5%
 - 🟡 This has happen only one other time in SWP’s history
- 💧 Due to key reservoirs significantly below their historic averages
- 💧 To make up this decrease of 5% in SWP deliveries
 - 🟢 MET will need to withdraw roughly 100,000 AF more from dry-storage, which is currently at 3.2 MAF.

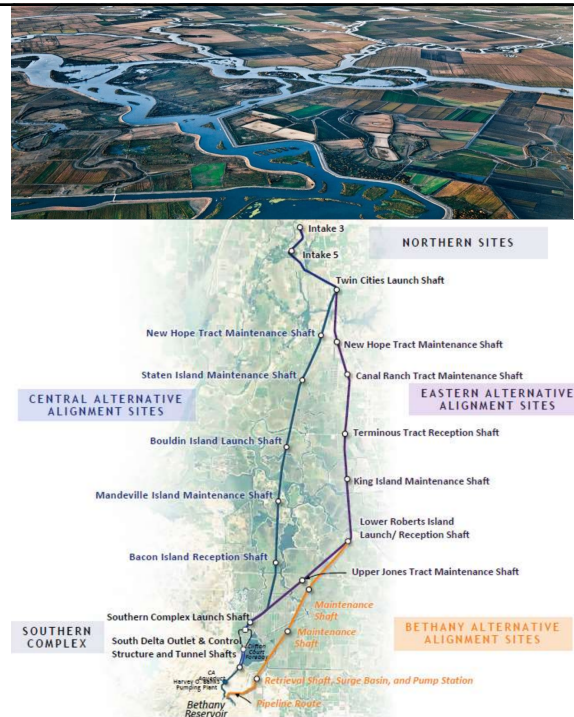


MWD 2021 Estimated Water Storage



Delta Conveyance Project

- 💧 In December 2020, the MWD Board unanimously supported Delta Conveyance **Planning Costs** of \$58.9 million (47%)
 - 🔥 MWD's share is proportionate to its SWP Table A
 - 🔥 Total costs over two years projected to be \$124.9 million
- 💧 The Draft EIR will document alternatives
 - 🔥 **Bethany Reservoir Alternative**
 - 🌱 Water conveyed via Eastern Alignment
 - 🌱 Water would continue further south and be pumped directly into Bethany Reservoir
 - 🌱 Bethany alternative would eliminate Southern Forebay (footprint reduced)
- 💧 MET Board decision on environmental documentation in 2024



Colorado River Issues



— BUREAU OF —
RECLAMATION

- 💧 In preparation for 2026, USBR is reviewing the 2007 Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead
- 💧 Recent 24-Month Study minimum probable study indicates that Lake Powell could reach elevation 3,525 feet by March 2022
- 💧 Other ongoing Issues on the River
 - 🔥 Water Quality & Salinity
 - 🔥 Paradox Valley Unit EIR
 - 🔥 Lake Powell Pipeline Project

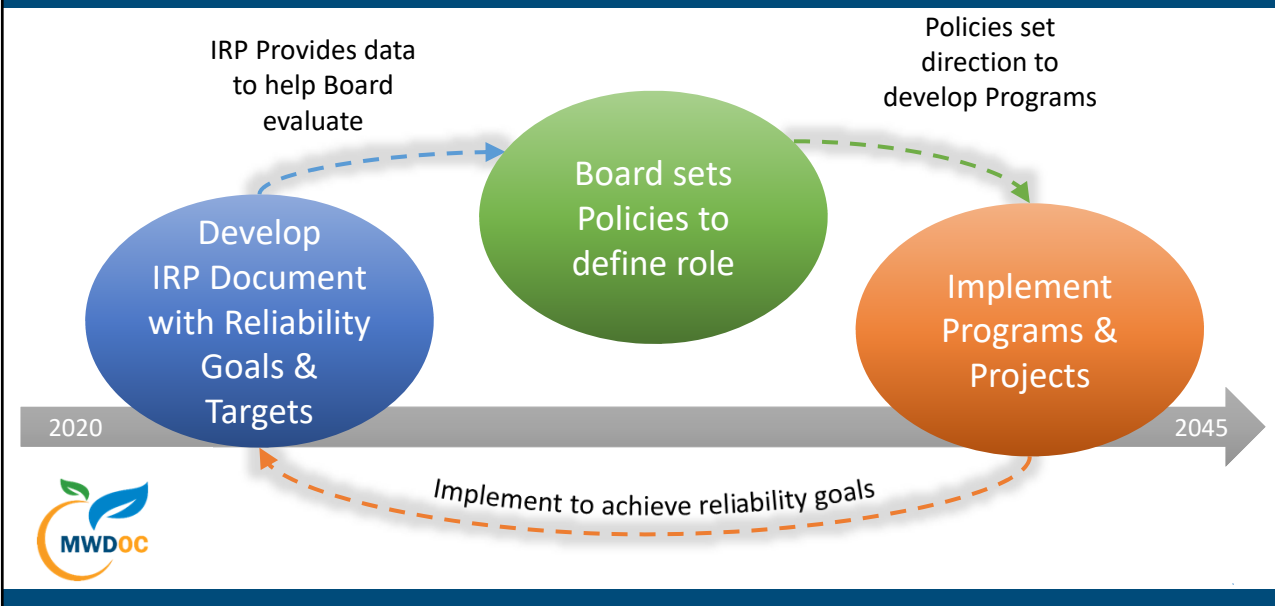
Regional Recycled Water Advanced Purification Center



RRWP would provide a local drought-proof supply

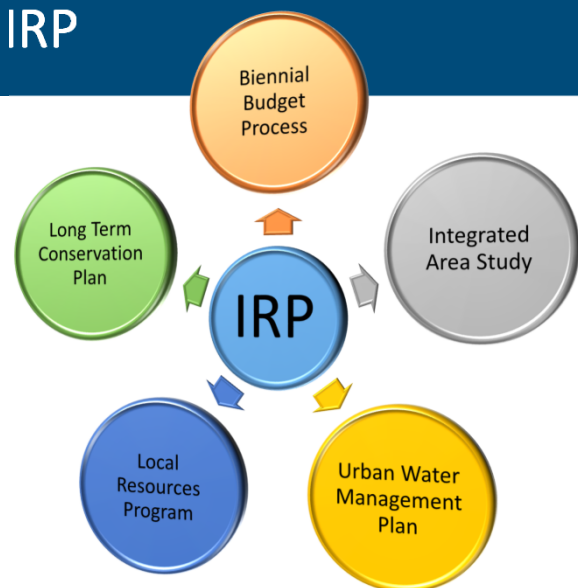
- 💧 MWD and Southern Nevada Water Authority (SNWA) partnership
 - 🔥 SNWA will contribute up to \$6 million for RRWP environmental planning
 - 🔥 This initial investment by SNWA could lead to an interstate exchange increasing resiliency for both agencies
- 💧 MWD Board Action in 2024

How MET's Integrated Resource Plan (IRP) fits in



Fundamental Purpose of the IRP

- Planning tool for providing the region with reliable and affordable water
- It seeks a balance to avoid over or under investments
- Set targets to fill projected supply gaps over a 25 year planning horizon
- It informs other plans and informs policies
- Board adoption in the Fall 2021



The IRP informs other plans

Other Key Metropolitan Issues

- Selection of a New MET General Manager by May
- MET Rate Refinement Process
 - Seeking a new Stewardship Rate to recovery Demand Management Costs (i.e. Conservation & LRP incentives)
- Adoption of 2020 Urban Water Management Plan
 - State requires submittal by July 1, 2021
- Addressing Employee Issues at MET
 - Independent Investigation to review MET employee relations and Issues



**Water Supply Conditions &
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Discussion**