

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Progress on State Water Priorities

February 5, 2025



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EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA

Executive Order N-10-19

WHEREAS, water is a human right, and is central to California's strength and identity; and

WHEREAS, we face a range of existing water challenges, including unsafe drinking water across the state, major flood risks that threaten public safety, severely degraded groundwater supplies, significant environmental impacts on our water supplies, and major fish populations threatened with extinction; and

WHEREAS, climate change is having a profound impact on water and other resources, making the climate warmer and more volatile, which reduces reservoir levels, dries up streams and wetlands, and drives more fires, more intense and frequent than ever flooding; and

WHEREAS, California continues to grow, with our population projected to grow to 50 million over the next several decades and our economic activities expanding on the world's fifth largest economy; and

WHEREAS, the future prosperity of our communities and the health of our environment depend on taking pressing current water challenges and preparing California to meet broader water needs through the 21st century; and

WHEREAS, many state programs, policies and investments are being implemented, such as the Sustainable Groundwater Management Act and water-labor water efficiency standards, that can be built upon to meet these existing challenges; and

WHEREAS, providing clean, dependable water supplies to communities, agriculture, and industry while restoring and maintaining the health of our watersheds is both necessary and possible; and

WHEREAS, achieving the goal requires a broad portfolio of collaborative strategies between government, sovereign tribes, local communities, water agencies, irrigation districts, environmental conservationists, academics, business and labor leaders, and other stakeholders.

NOW, THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, by virtue of the power and authority vested in me by the Constitution and the statutes of the State of California, do hereby issue this Order to become effective immediately.

IT IS HEREBY ORDERED THAT:

- 1. The California Natural Resources Agency, the California Environmental Protection Agency, the California Department of Food and Agriculture, in consultation with the Department of Finance, shall together prepare a water resilience portfolio that meets the needs of California's communities, economy, and environment through the 21st Century.

Governor's Executive Order N-10-19

“ . . . shall together prepare a water resilience portfolio that meets the needs of California's communities, economy, and environment through the 21st century.”



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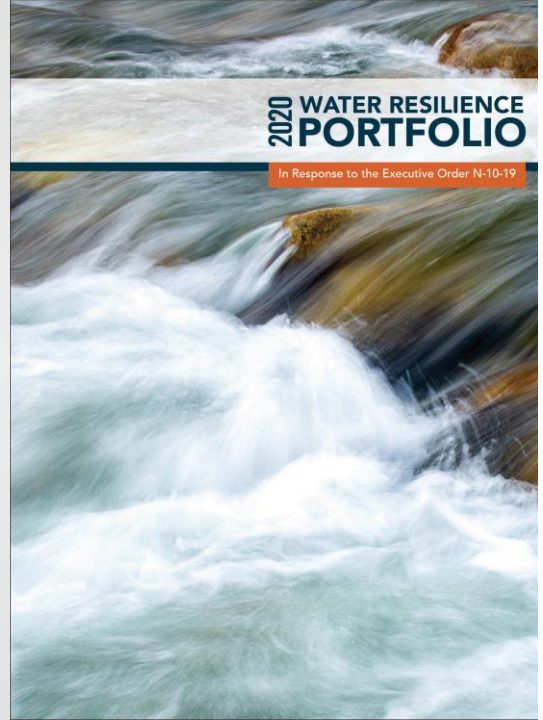
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Final Portfolio

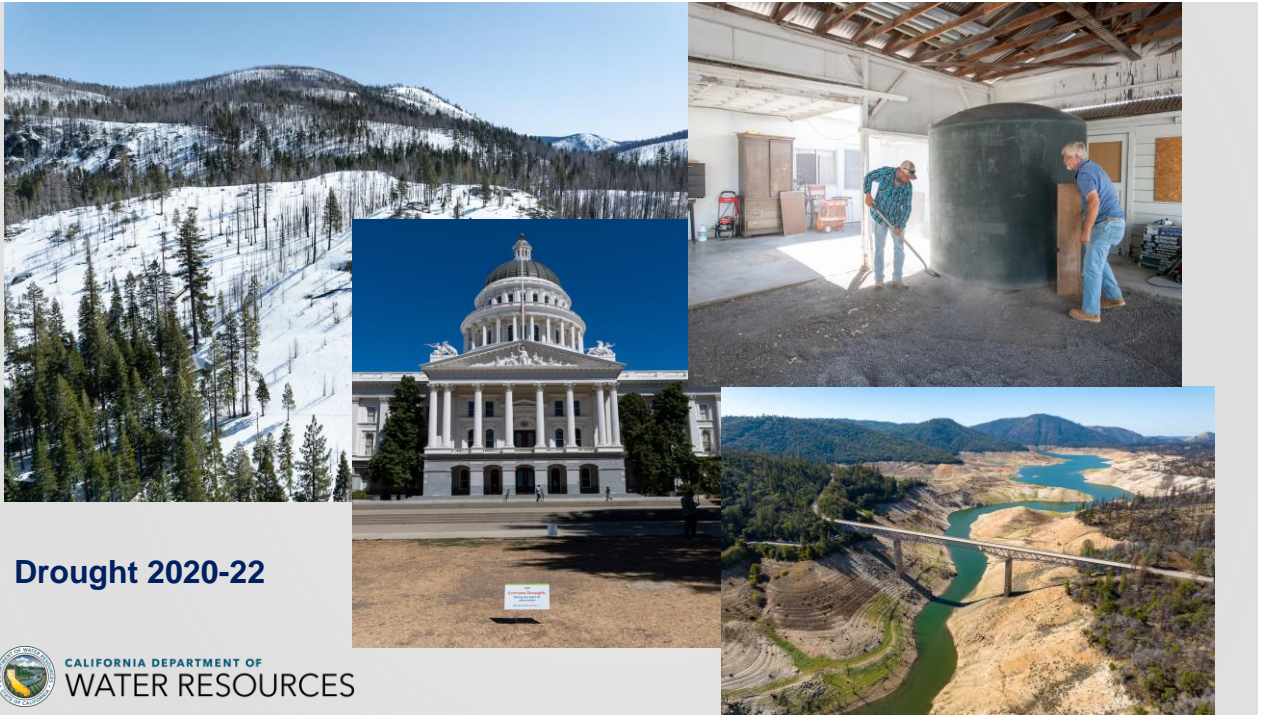
- ❑ Includes 142 actions
- ❑ Each action is assigned to responsible state agencies and departments

Actions Fall Into Four Categories:

- Maintain and Diversify Water Supplies
- Protect and Enhance Natural Systems
- Build Connections
- Be Prepared



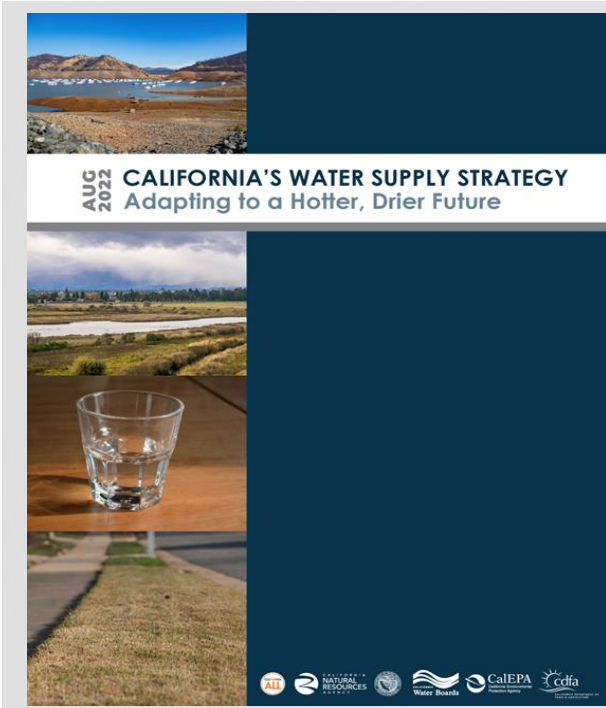
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Drought 2020-22



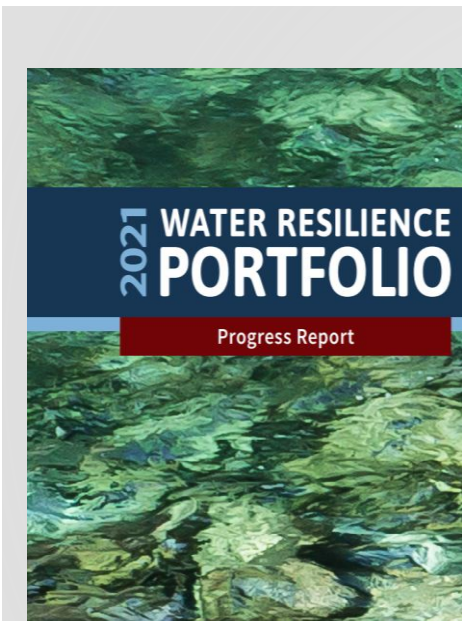
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To ensure California has the water needed for generations to come, the strategy includes:

- Create storage space for up to 4 million acre-feet
- Recycle and reuse at least 800,000 acre-feet by 2030
- Free up 500,000 acre-feet through efficiency and conservation
- Make new water available by capturing stormwater and desalinating ocean water and salty water in groundwater basins.

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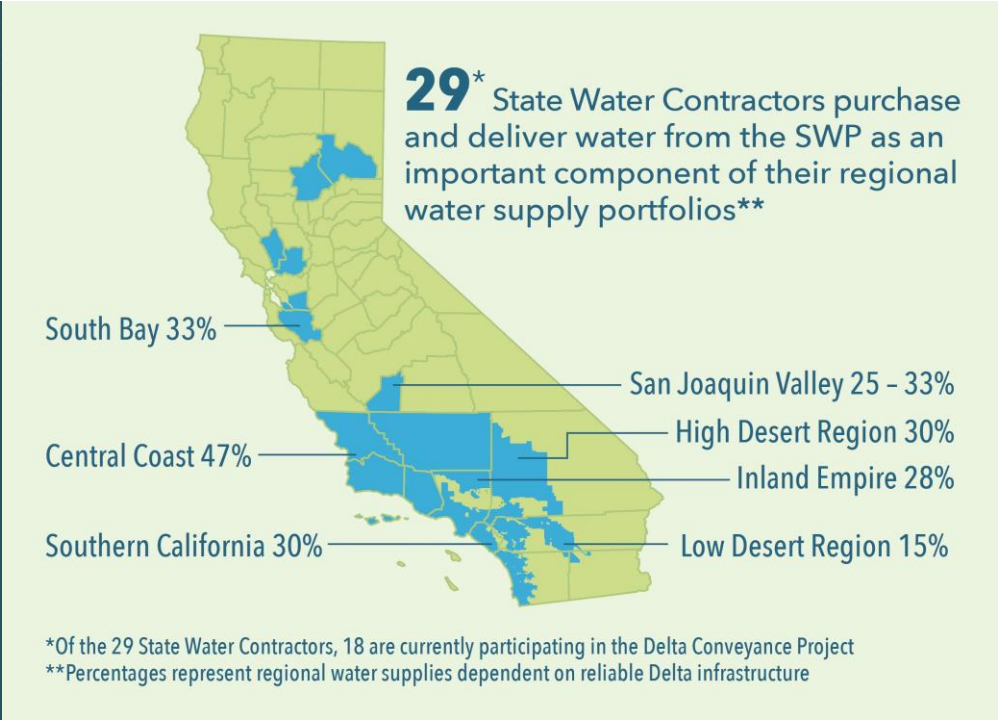
BY THE NUMBERS: Action progress reduced to numbers, colors and bars

| Maintain and Diversify Water Supplies | | | | Protect and Enhance Natural Systems | | | |
|---------------------------------------|------|-------|----|-------------------------------------|------|------|------|
| 1 | 3 | 4.3 | 3 | 8 | 9 | 10.2 | 3 |
| 1.1 | 3 | 3.1 | 3 | 4.4 | 1 | 8.1 | 3 |
| 1.2 | 3 | 3.2 | 3 | 5 | 8.2 | 9.2 | 2 |
| 1.3 | 3 | 3.3 | 3 | 5.1 | 2 | 8.3 | 3 |
| 1.4 | 1 | 3.4 | 3 | 5.2 | 1 | 8.4 | 2 |
| 2 | 3.5 | 5.3 | 2 | 8.5 | 2 | 9.5 | 2 |
| 2.1 | 3 | 3.6 | 3 | 5.4 | 2 | 8.6 | 4 |
| 2.2 | 3 | 3.7 | 3 | 6 | 8.7 | 1 | 10.1 |
| 2.3 | 3 | 3.8 | 1 | 6.1 | 2 | 8.8 | 3 |
| 2.4 | 3 | 3.9 | 3 | 6.2 | 3 | 8.9 | 3 |
| 2.5 | 3 | 4 | 7 | 8.10 | 3 | | |
| 2.6 | 1 | 4.1 | 3 | 7.1 | 2 | | |
| | | 4.2 | 3 | 7.2 | 2 | | |
| Be Prepared | | | | Build Connections | | | |
| 25 | 25.8 | 3 | 27 | 19 | 20 | 21 | 22 |
| 25.1 | 3 | 25.9 | 3 | 19.1 | 3 | 20.1 | 2 |
| 25.2 | 2 | 25.10 | 1 | 19.2 | 3 | 21.2 | 3 |
| 25.3 | 2 | 26 | 3 | 19.3 | 2 | 21.3 | 3 |
| 25.4 | 3 | 26.1 | 4 | 19.4 | 4 | 21.4 | 3 |
| 25.5 | 3 | 26.2 | 4 | 19.5 | 3 | 22.4 | 4 |
| 25.6 | 3 | 26.3 | 1 | | | 22.5 | 2 |
| 25.7 | 3 | 26.4 | 3 | | | 23 | 3 |
| | | | | | | 23.2 | 3 |
| | | | | | | 24 | 3 |
| | | | | | | 22.2 | 3 |
| | | | | | | 22.3 | 2 |
| | | | | | | 22.8 | 2 |
| | | | | | | 22.9 | 3 |
| | | | | | | 24.2 | 1 |
| | | | | | | 24.3 | 1 |
| | | | | | | 24.4 | 1 |
| Executing This Portfolio | | | | | | | |
| 28 | 29 | 29.3 | 3 | 29 | 29.3 | 30 | 30.3 |
| 28.1 | 4 | 29.1 | 2 | 29.4 | 3 | 30.1 | 3 |
| 28.2 | 3 | 29.2 | 1 | 29.5 | 3 | 30.2 | 3 |
| 28.3 | 3 | 29.3 | 3 | 30.3 | 3 | 30.4 | 2 |
| 28.4 | 3 | 29.4 | 3 | 30.5 | 3 | 31.1 | 3 |
| 28.5 | 3 | 29.5 | 3 | 31.2 | 2 | 32.1 | 4 |
| 28.6 | 3 | 29.6 | 3 | 32.2 | 1 | 32.2 | 1 |

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California Relies on the State Water Project



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Delta Conveyance Project

Modernizing California's Water Infrastructure | 2024



MISSED OPPORTUNITY

If the Delta Conveyance Project was operational during the high rain events of winter 2021-2022, January 2023 and Jan/Feb/March 2024, a significant amount of water could have been captured and moved.

| | Winter 2021-2022 | January 2023 | January 1-March 21, 2024 |
|--|--|---|--|
| Amount of water that could have been captured: |  236,000 acre-feet | 228,000 acre-feet | 815,000 acre-feet |
| That's enough water to supply: | Over 2.5 million people for one year | Over 2.3 million people for one year | Over 8.5 million people for one year |
| | OR | Nearly 850,000 households for one year | Nearly 800,000 households for one year |
| | | | About 2.8 Million households for one year |

 water.ca.gov/deltaconveyance | deltaconveyanceproject.com | dcdca.org

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Accelerate Smart New Water Storage Projects



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Remove Obsolete Klamath River Dams



Photo credit: Mark Hereford, ODFW

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Implement the Safe and Affordable Drinking Water Act



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Support Local Implementation of the Sustainable Groundwater Management Act



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Implement Voluntary Agreements



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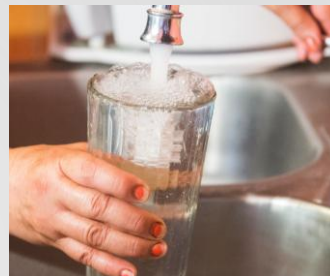
Restore Multi- Benefit Floodplains



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Update Regulations to Expand Water Recycling



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Questions?



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