


**San Diego County
Water Authority**
Our Region's Trusted
Water Leader

San Diego Regional Drought Update

Regional Advisory Committee Meeting
December 1, 2021

Jeff Stephenson
Water Resources Manager

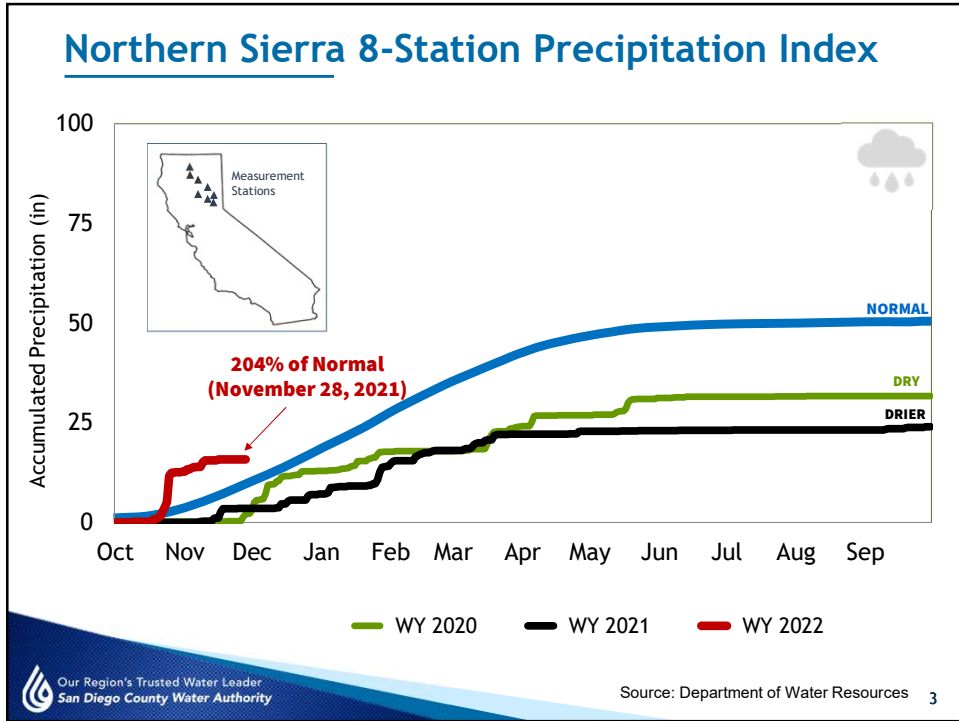
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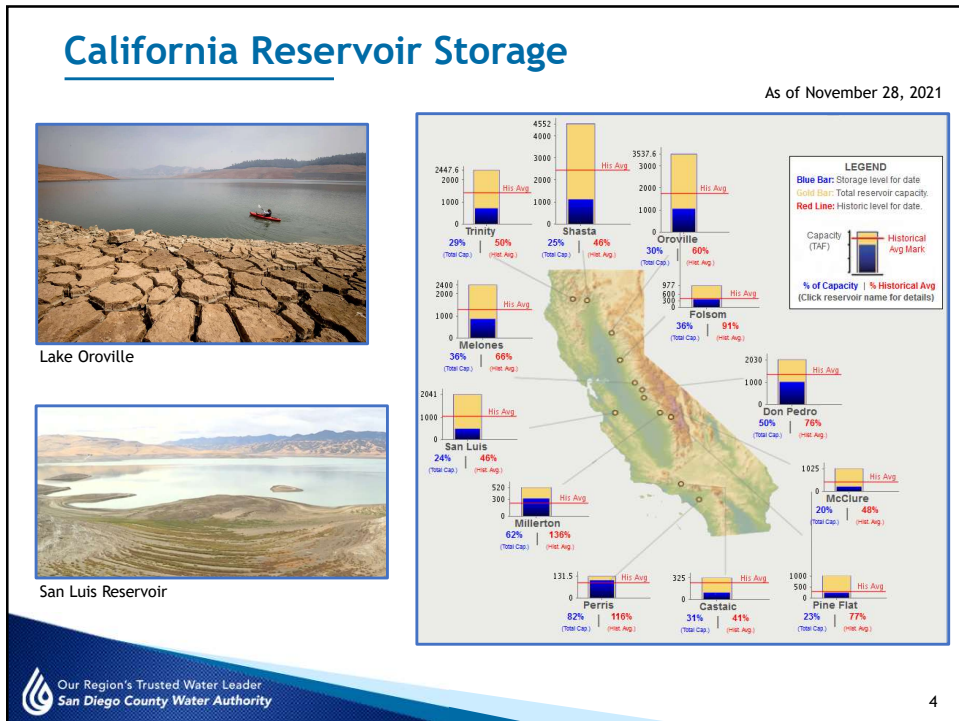
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Water Supply Conditions

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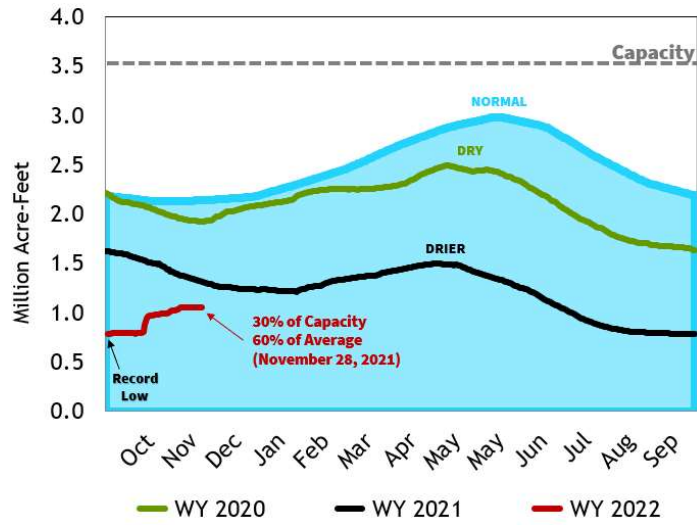


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Lake Oroville Storage Volume



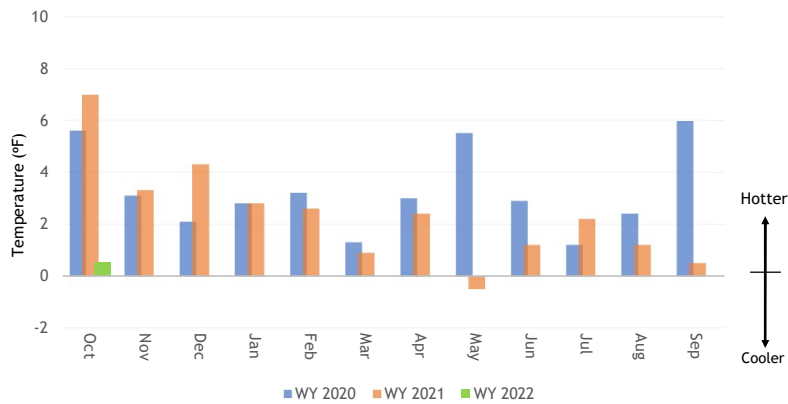
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Source: Department of Water Resources 5

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Local Temperatures

- Above normal for 24 of last 25 months



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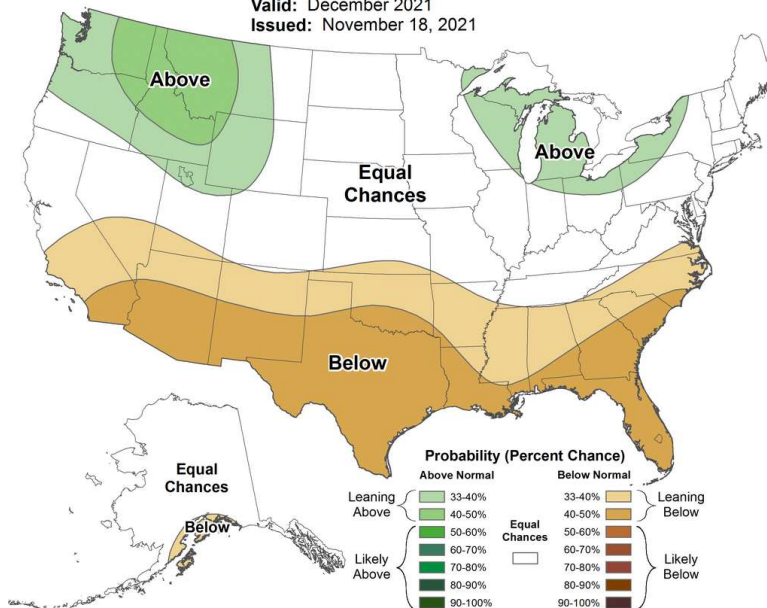
Local Precipitation

| Water Year (WY) 2022 Precipitation | | | | |
|------------------------------------|--------------------------------------|----------|--|----------|
| Station | Month To-Date November 1-28, 2021 | | Water Year To-Date October 1- November 28, 2021 | |
| | Actual | % Normal | Actual | % Normal |
| Lindbergh Field | 0.00 in. | 0% | 1.01 in. | 81% |
| Ramona Airport | 0.00 in. | 0% | 0.98 in. | 58% |

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December Precipitation Outlook

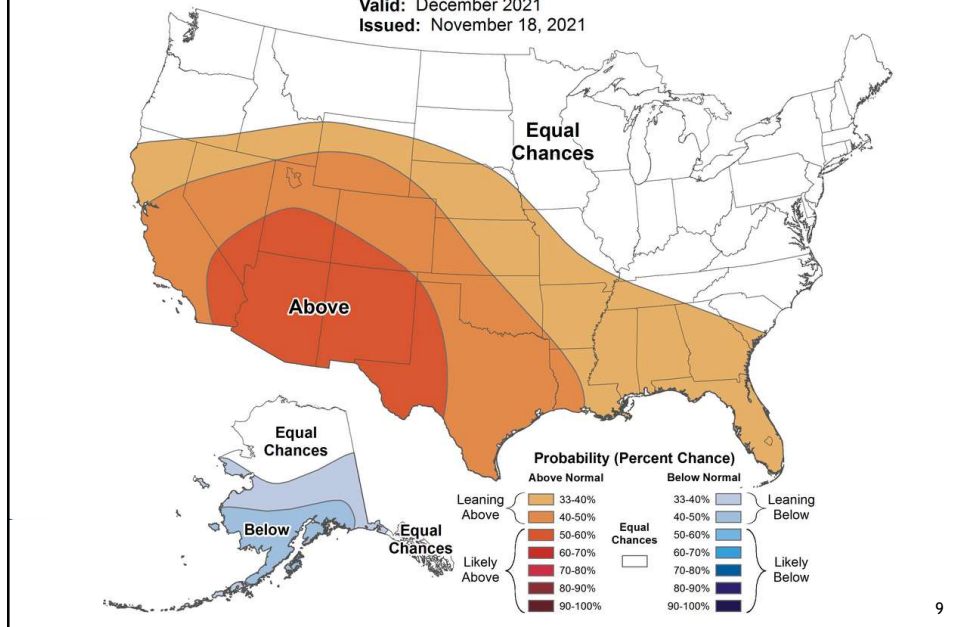
Valid: December 2021
Issued: November 18, 2021



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December Temperature Outlook

Valid: December 2021
Issued: November 18, 2021



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Recent Drought-Related Actions

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Governor's Proclamations & Executive Order

- Drought emergency proclamations
 - Statewide as of October 19, 2021
 - Authorized State Board to prepare emergency regulations to prohibit wasteful water practices
 - Directed water suppliers to execute Water Shortage Contingency Plans (WSCP)
- Executive Order targeted voluntary 15% reduction in water use by retail water suppliers
- Decision on future mandatory restrictions based on:
 - Effectiveness of voluntary water conservation efforts
 - Outlook for winter precipitation



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Activation of Water Authority's WSCP

- Level 1 activation approved by Board in October 2021
- Voluntary actions for water shortages of up to 10%
 - Mix of water-use efficiency and communications
 - Same actions can support additional reductions (e.g. 15%) if needed
 - Storage withdrawals not needed since no water shortage
- Activation of Level 2 not appropriate since water-use reductions are not mandatory



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WSCP Shortage Supply Matrix

| Regional Water Shortage Levels ² | Potential Water Authority M&I Shortage Response Actions ¹ | | | | | |
|---|--|--------------------|---------------------|-----------------------|--|-------------------------------------|
| | Ongoing Water Use Efficiency | Communication Plan | Supply Augmentation | | Call for Extraordinary Demand Reduction Measures | Member Agency M&I Supply Allocation |
| | | | Storage Withdrawals | Spot Transfers, Other | | |
| Normal Conditions | ✓ | | | | | |
| Level 1 Up to 10% (Voluntary) | ✓ | ✓ | ✓ | | | |
| Level 2 Up to 20% (Mandatory) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Level 3 Up to 30% (Mandatory) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Level 4 Up to 40% (Mandatory) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Level 5 Up to 50% (Mandatory) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Level 6 Above 50% (Mandatory) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

¹ The matrix contains potential Water Authority regional actions. The member agencies can implement local jurisdiction regulations as necessary for their service areas.

² The response to a catastrophic emergency could occur under any response level. Potential Water Authority shortage response actions include activation of the Integrated Contingency Plan and allocation of Emergency Storage Program supplies.



State Water Board Monthly Reporting

- September water savings data
 - Compares 2021 water use to 2020 water use

Results

| | July | August | September |
|-------------|-------|--------|-----------|
| Statewide | -1.9% | -5.1% | -3.9% |
| South Coast | -0.1% | -3.1% | -4.2% |

- State Water Board evaluating whether to implement emergency regulations to increase savings



Water Authority Advocacy Efforts

- Outreach to key decision-makers on benefits of targeted drought response actions
 - Wade Crowfoot - California Secretary for Natural Resources
 - Nancy Vogel - Deputy Secretary for Water, Natural Resources Agency
 - Karla Nemeth - Director, California Department of Water Resources
 - State Water Board members
 - Governor's staff
 - Offices of various state and federal elected officials



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Increased Media Coverage of San Diego Strategy

The New York Times



The San Diego Union-Tribune

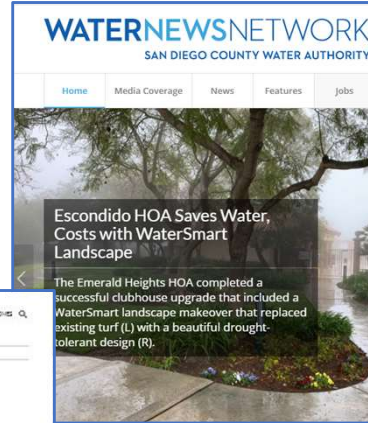
OPINION
Opinion: Why San Diego County should be spared mandatory California water cutbacks



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Drought Outreach and Education

- Promoting rebates and WaterSmart resources on every platform
- Developing partnerships
- Planning for 2022
 - (MAAP & Prop 84. grant funds)



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Questions

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