



Water Shortage Emergency Condition and Call for Conservation

Special Joint Meeting with City of Sunnyvale
October 6, 2021

Drought Status

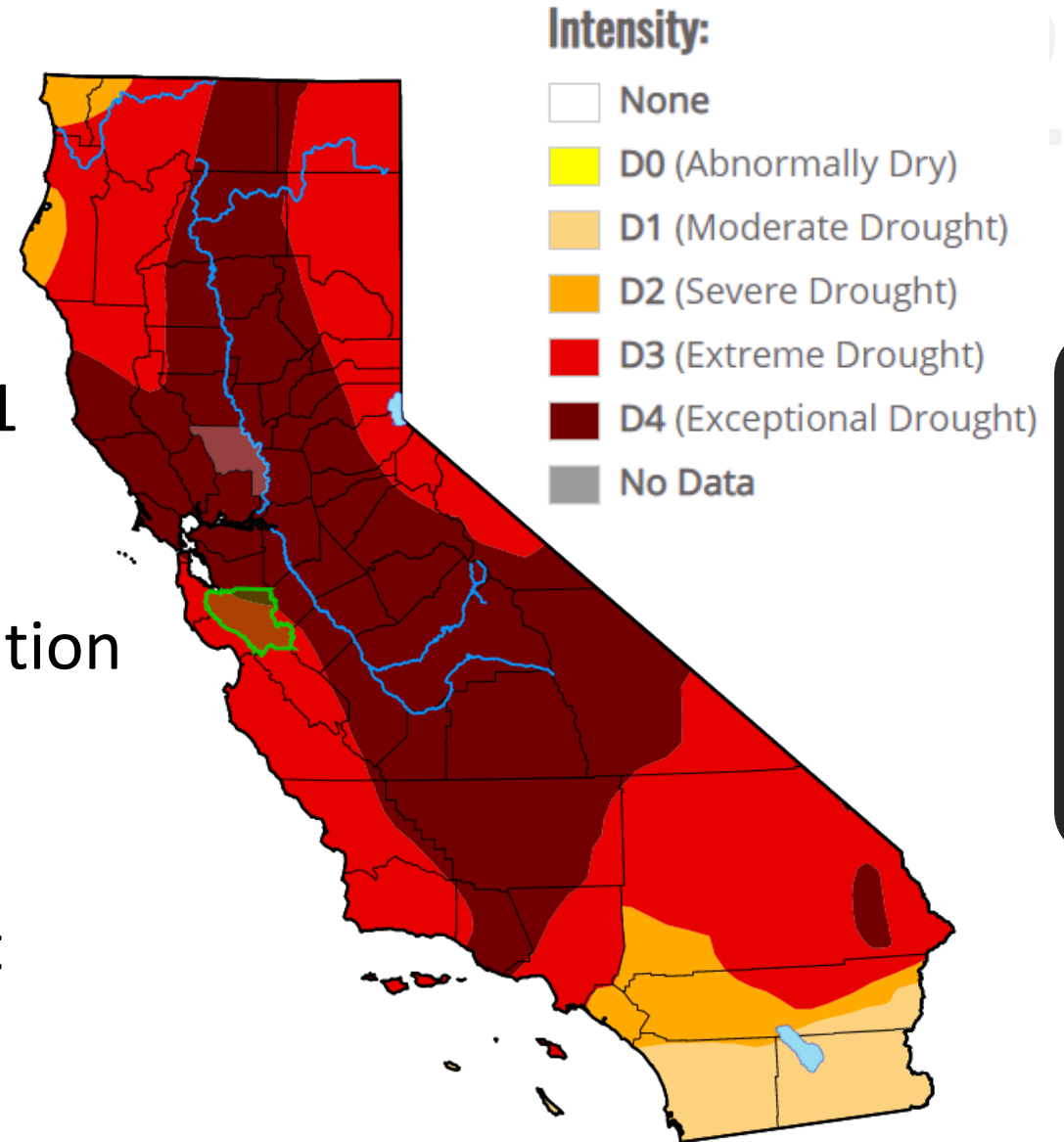
Extreme/Exceptional Drought

May 10 – State drought proclamation in 41 counties





June 8 – Water Shortage Emergency Condition

June 22 - County proclaims drought

July 8 – County included in State's drought proclamation



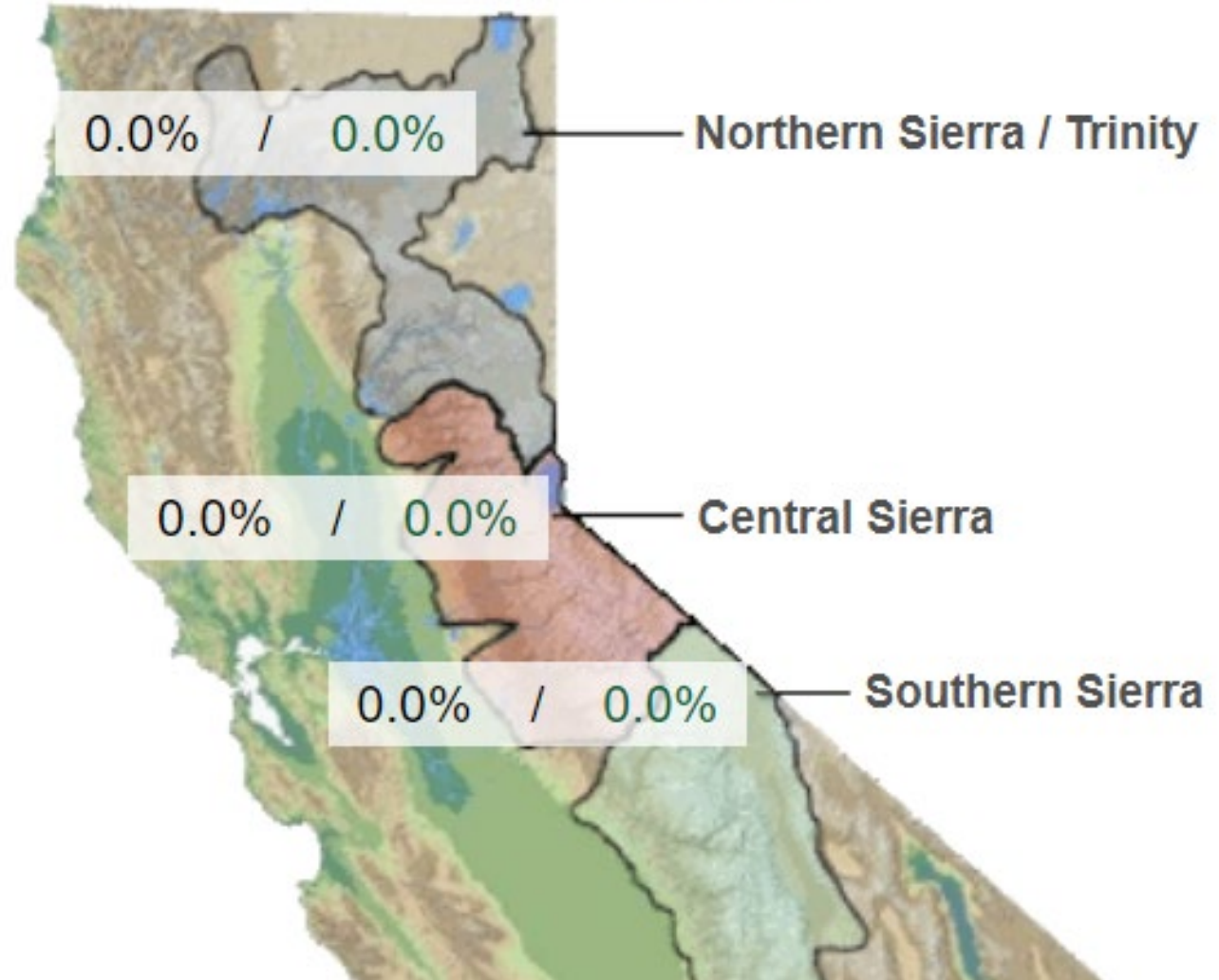
Fifty percent of our water is imported

	<p><i>Local Water (30%)</i></p> <ul style="list-style-type: none">• Groundwater aquifer• Reservoirs
	<p><i>Imported Water (50%)</i></p> <ul style="list-style-type: none">• Delta conveyed• Hetch Hetchy
	<p><i>Recycled Water (5%)</i></p> <ul style="list-style-type: none">• Wastewater Treatment• Advanced Purification
	<p><i>Conservation (15%)</i></p> <ul style="list-style-type: none">• Residential• Commercial, Agriculture

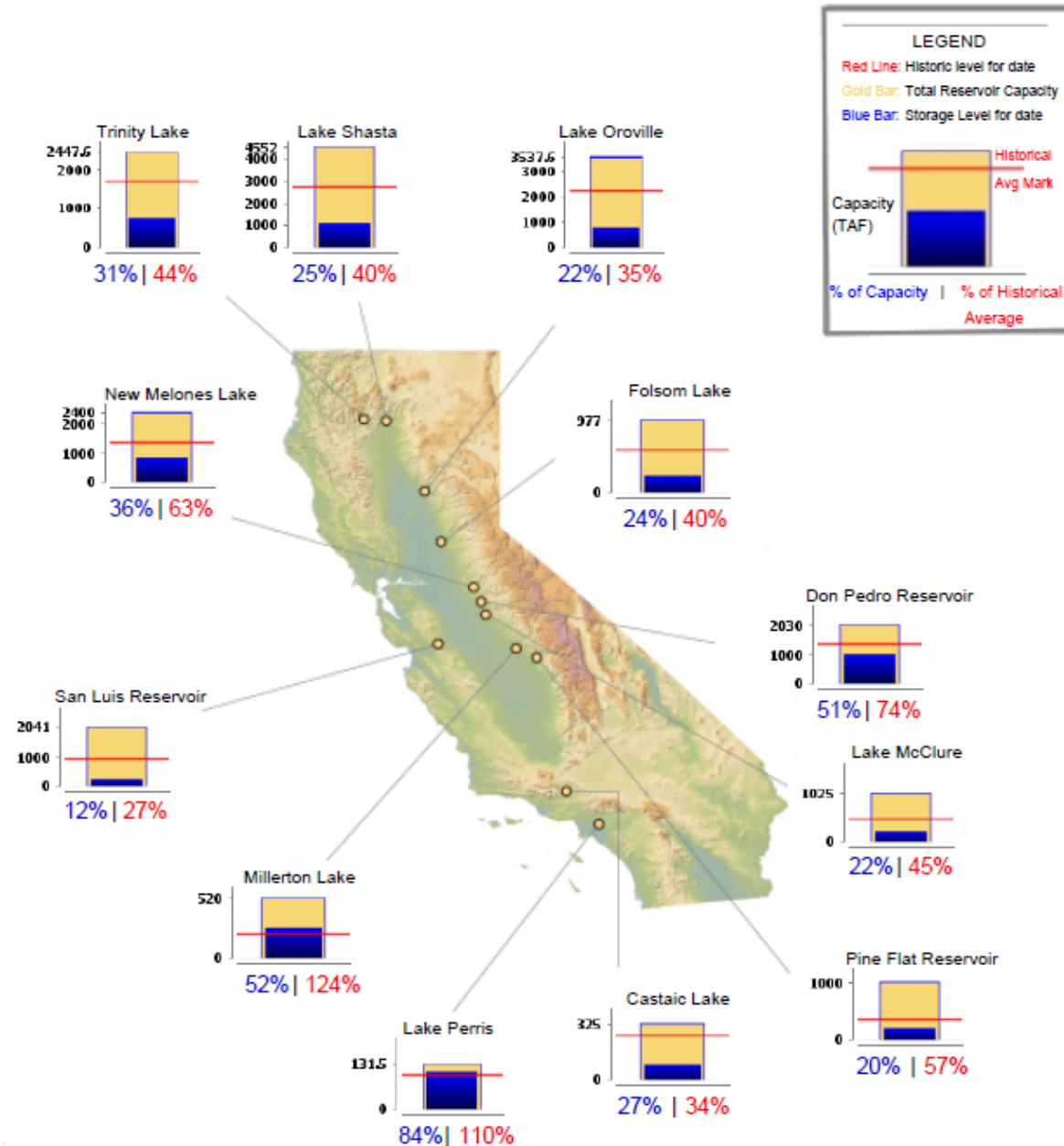
Snowpack:
Zero percent of
average

Data For: 30-Aug-2021

% Apr 1 Avg. / % Normal for this Date



Conditions for Major Reservoirs



2021 Drought Impacts to Valley Water

Local water supplies are low

Imported water allocations are low:

State Water Project: 5%

Central Valley Project:

0% Agriculture

25% Municipal & Industrial*

*Conditional approval of Public Health and Safety request

Loss of Anderson Increases Risk

Drained by federal mandate for seismic retrofit
(89,278 acre-feet capacity)



Risk to Water Supply

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Groundwater levels and storage continue to decline

Risk of impacts, such as wells going dry, in 2022 without emergency imported water supplies, additional conservation

Groundwater is about 40% of county water use

Groundwater is the only drinking water source in South County

Water Shortage Emergency Condition

- Declared Water Shortage Emergency Condition calling for Water Use Restriction on June 9, 2021
- County proclaimed local emergency June 22, 2021
- Resolution includes:
 - Valley Water to aggressively promote water conservation programs to all water users
 - Calls for a maximum of three days a week watering of ornamental landscapes and lawns

Valley Water Drought Response

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- Landscape Conversion Rebate – \$1 to \$2 per sq. ft.
- Increased conservation messaging
- Interactive webpage
- Reduce retailer deliveries
- Ensure adequate recharge in South County
- Paused imported water releases to most creeks and ponds
- Monthly Board drought emergency updates



Water Conservation Programs

- Residential Programs
- Landscape Programs
- Commercial, Industrial, Institutional (CII) Programs
- Agriculture Programs
- Water Waste Inspectors
- Education/Workshops/Resources



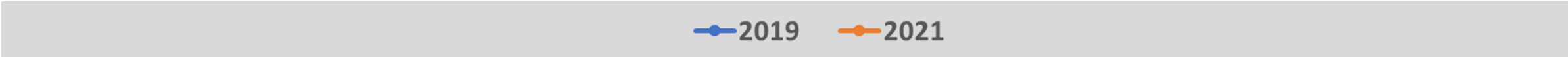
Jurisdictions Take Drought Action*

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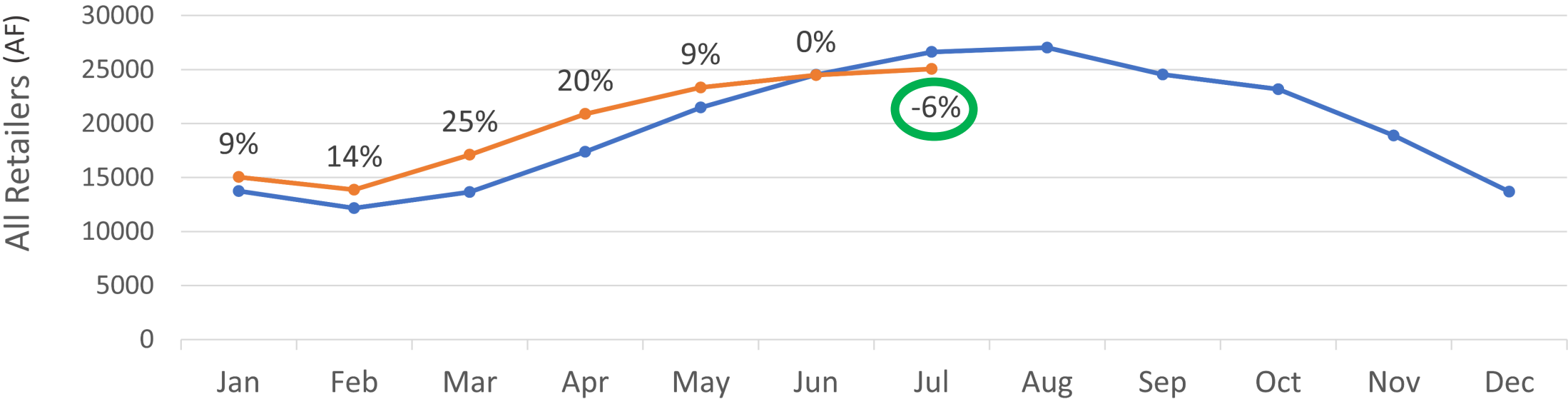
- County of Santa Clara
- Morgan Hill
- Los Altos
- Santa Clara
- Saratoga
- Cupertino
- Sunnyvale
- Los Altos Hills
- Gilroy
- Campbell
- Los Gatos
- Milpitas
- San José Municipal Water
- San Jose Water Company
- Great Oaks Water Company
- California Water Service

*The cities and towns listed above have taken actions to their Councils.

Steady drop in retailer water use compared to 2019



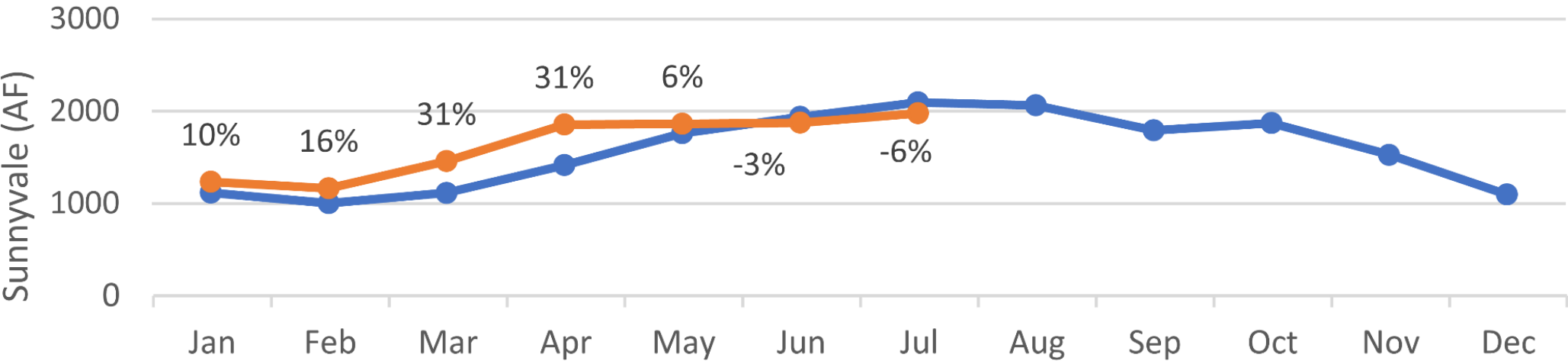
The percent increase (+) or percent decrease (-) in water use from 2019 to 2021 is shown for each month.



Sunnyvale's drop in water use compared to 2019

2019 2021

The percent increase (+) or percent decrease (-) in water use from 2019 to 2021 is shown for each month.



Model Water Efficient New Development Ordinance (MWENDO)

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Developed to ensure new development meets strong water efficiency standards

Valley Water engaging with jurisdictions to adopt and implement the ordinance