



Update on 2021 Water Supply Conditions

Presented by: Raw Water Division

2021 Water Supply Conditions

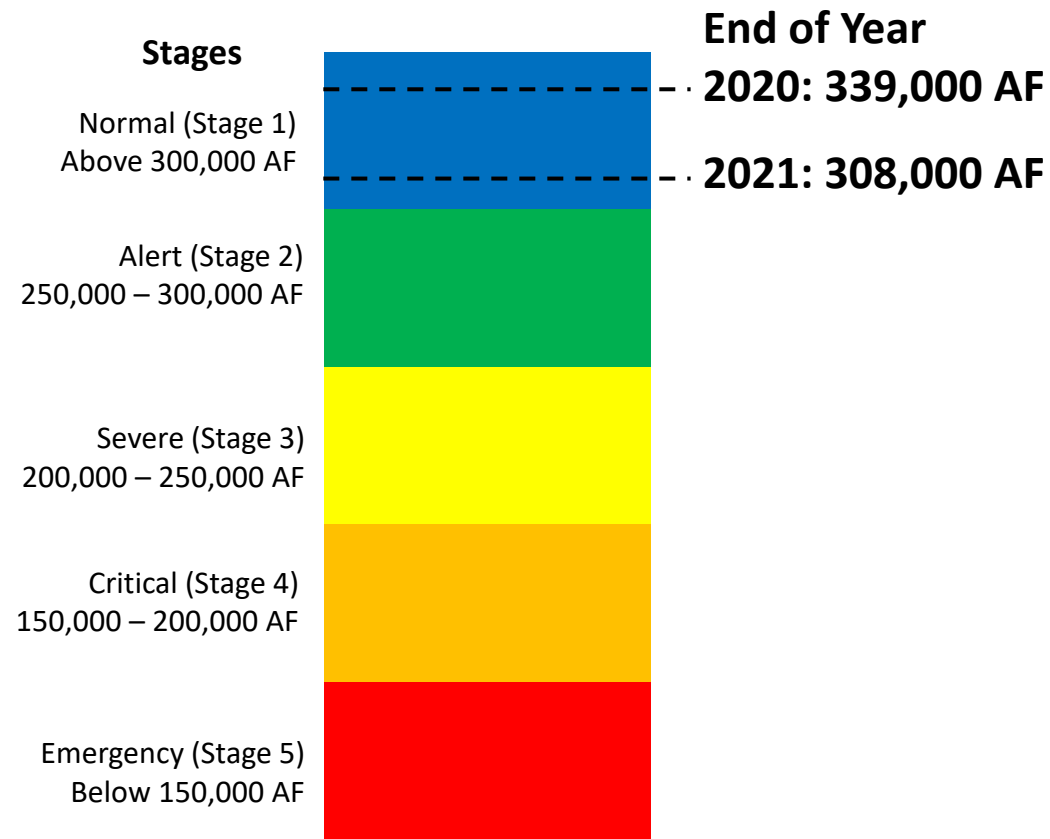
- Very dry year 2021: San José rainfall 44% of average¹
- Local reservoirs: 26% of 20-year average¹
- Local nine reservoirs (without Anderson): 48% of 20-year average¹



2021 Water Supply Conditions (Cont'd)

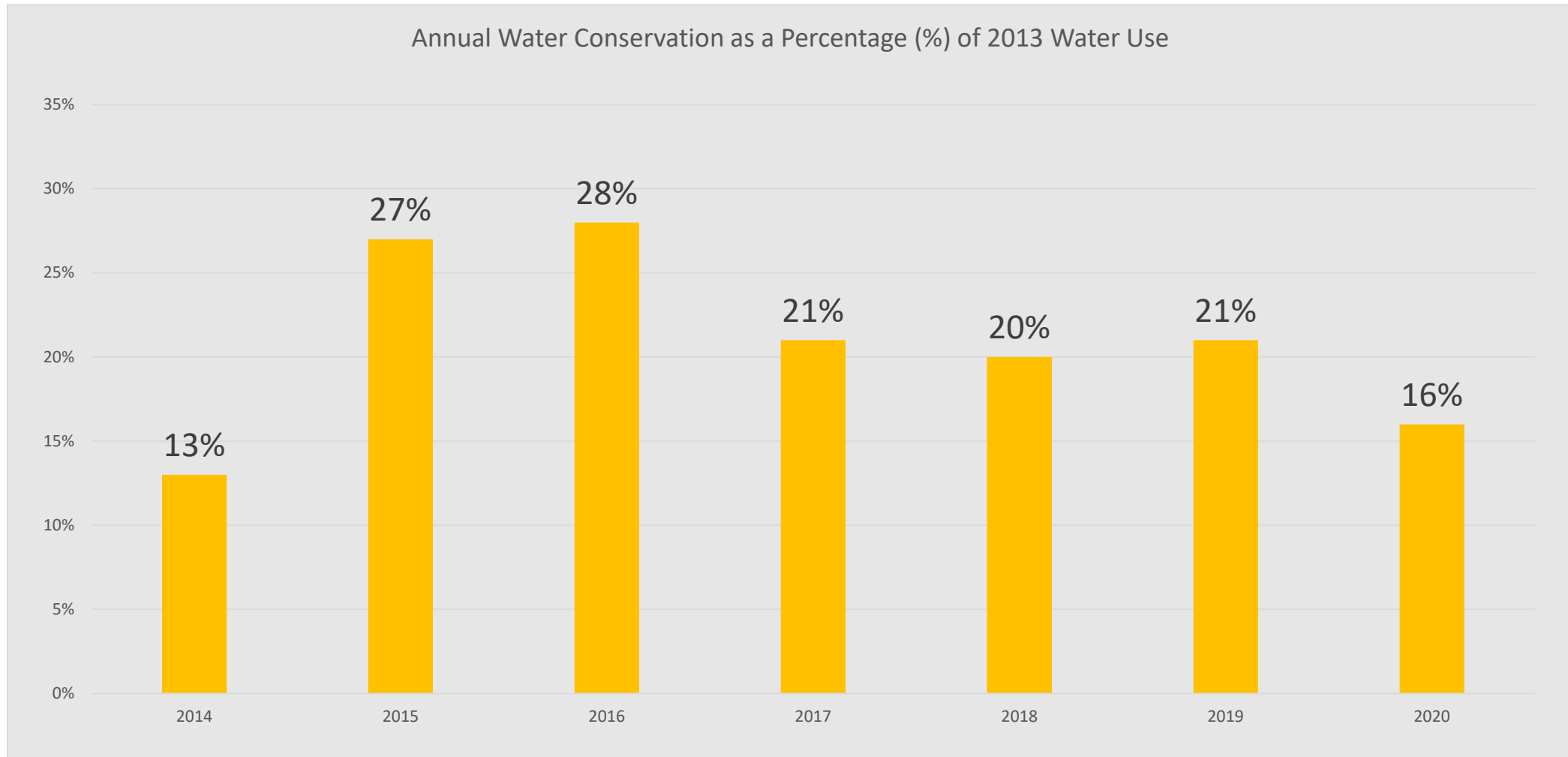
- End of year 2020 groundwater storage: 339,000 acre-feet (AF)
- Projected end of year 2021 groundwater storage: 308,000 AF

Water Shortage Contingency Plan



Water Conservation

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2021 Water Supply Conditions (Cont'd)

- Semitropic groundwater storage bank: 94% full
- Initial imported water allocations are low:
 - SWP: 5%
 - CVP: 5% Ag² and 55% M&I

(2) USBR: Ag water not available until further notice



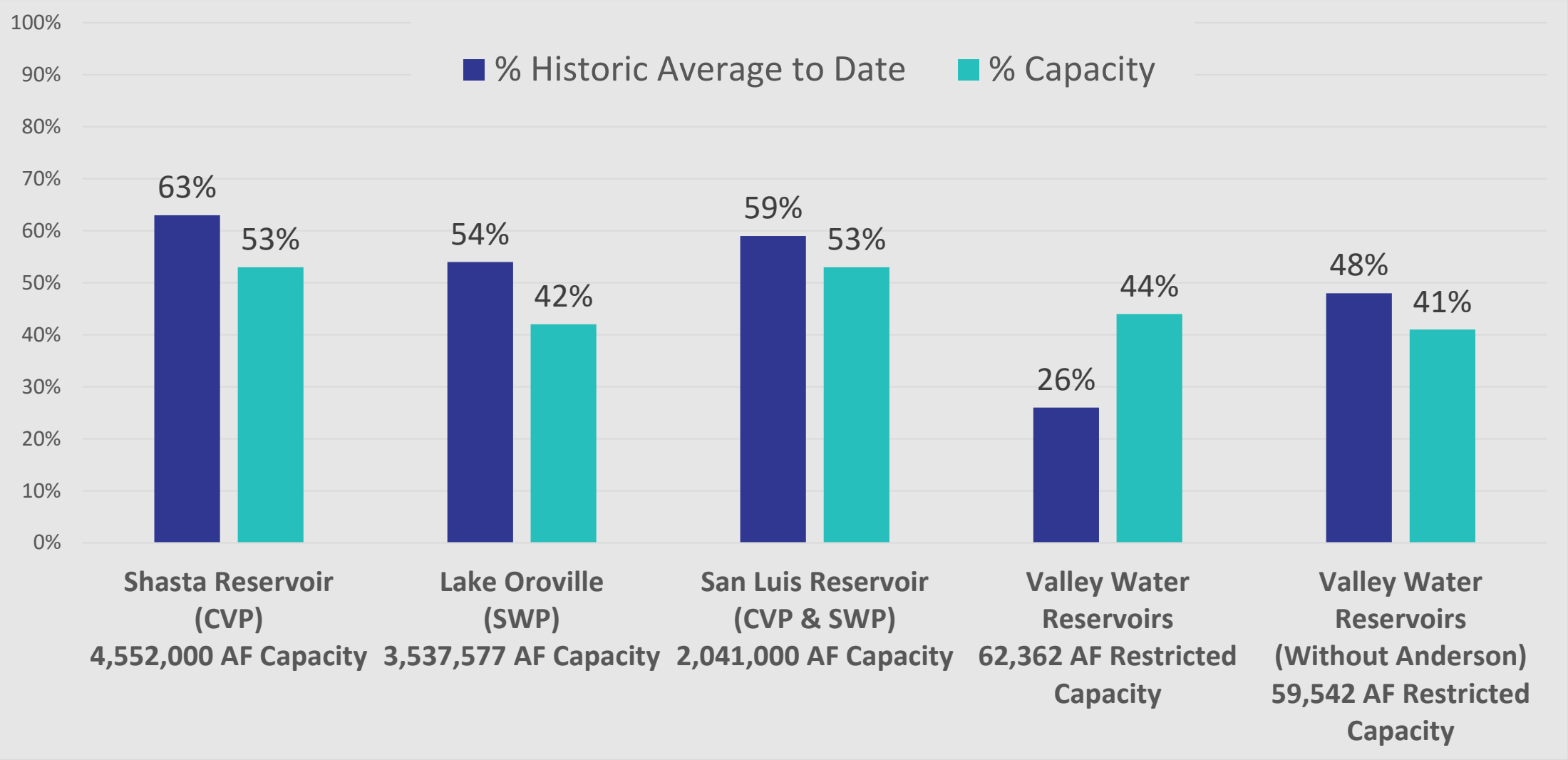
2021 Water Supply Conditions (Cont'd)

- FERC Order: Start drawdown of Anderson Reservoir no later than Oct. 1, 2020
- Anderson reached 3% storage in mid-December 2020
- Increased reliance on imported water for recharge and deliveries to water treatment plants



Reservoir Conditions as of April 12, 2021

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2021 Water Supply Conditions (Cont'd)

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- Water supply conditions are adequate
- But... need to plan for 2022 if dry conditions persist
- Need to secure supplemental imported water supplies:
 - To increase recharge in 2021
 - To increase carryover from 2021 to 2022
- 2022 carryover target: 10,000 to 20,000 AF
 - Needed because of Anderson drawdown
 - Emergency storage vs. risk of San Luis Reservoir spill



Strategy to Address Dry-Year Risks

- Securing supplemental water supplies
- Increasing Landscape Conversion Rebate
- Ramping up conservation messaging



Securing Supplemental Water Supplies

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- Maximize Semitropic Bank withdrawals in 2021
- Planned purchase of transfer water:
 - About 30,000 AF to 40,000 AF
 - Augment groundwater recharge and carryover in San Luis Reservoir



Water Conservation Outreach



Increase water conservation outreach to promote:

- The message of *Making Conservation a California Way of Life* to residents and businesses; and
- The importance of the Board's Resolution 17-43 (June 13, 2017) to voluntarily reduce water use by 20% compared to 2013

Next Steps

Staff will continue to:

- Closely track statewide and local water supply conditions
- Provide timely updates to the Board –possibly return in May and/or June if Board wishes





Valley Water

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