



Water Supply Conditions

Kevin Hostert, Water Resources Analyst
Municipal Water District of Orange County

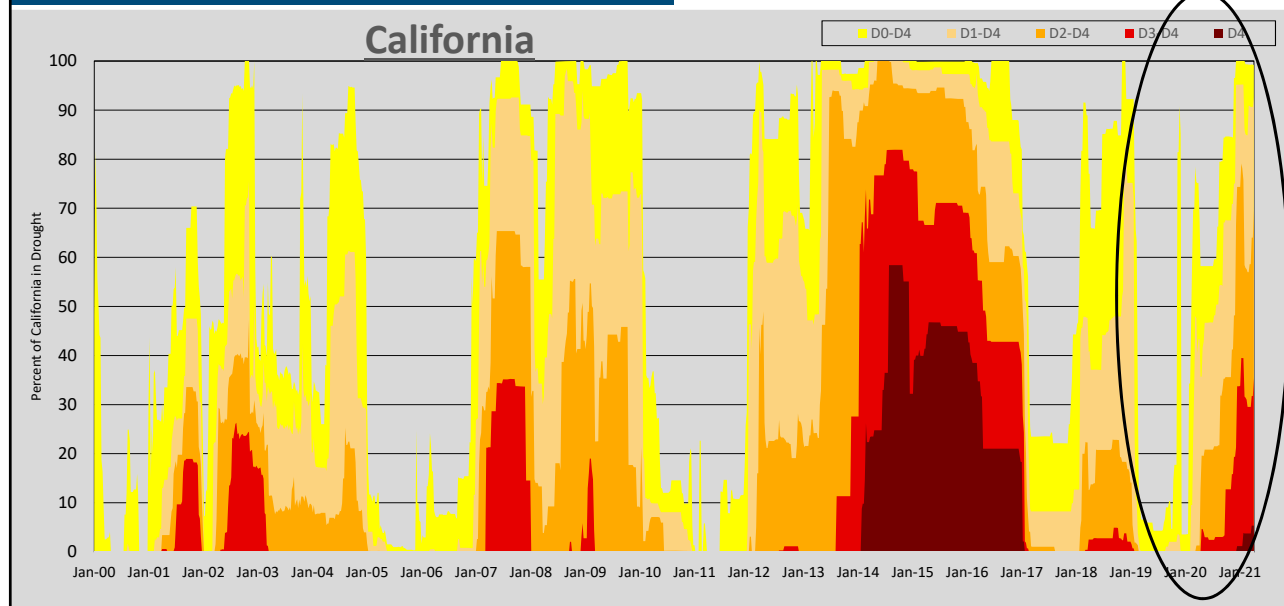
April 28th 2021



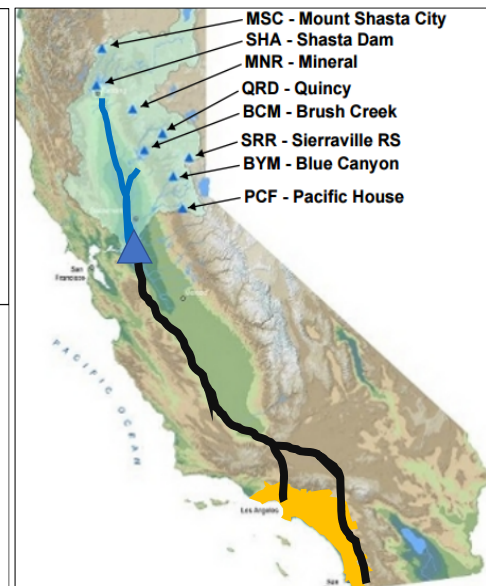
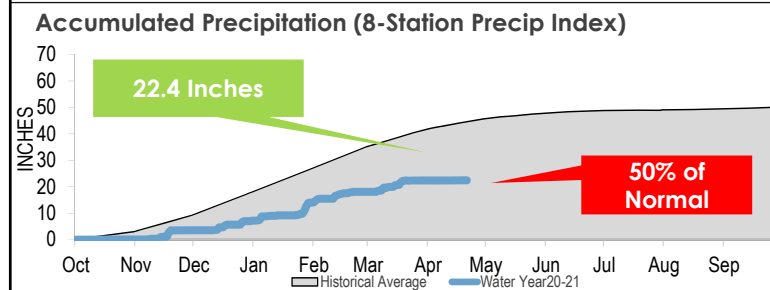
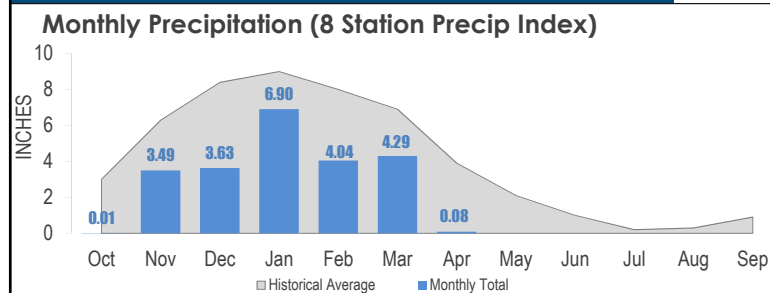
Regional Weather and Water Supply Conditions

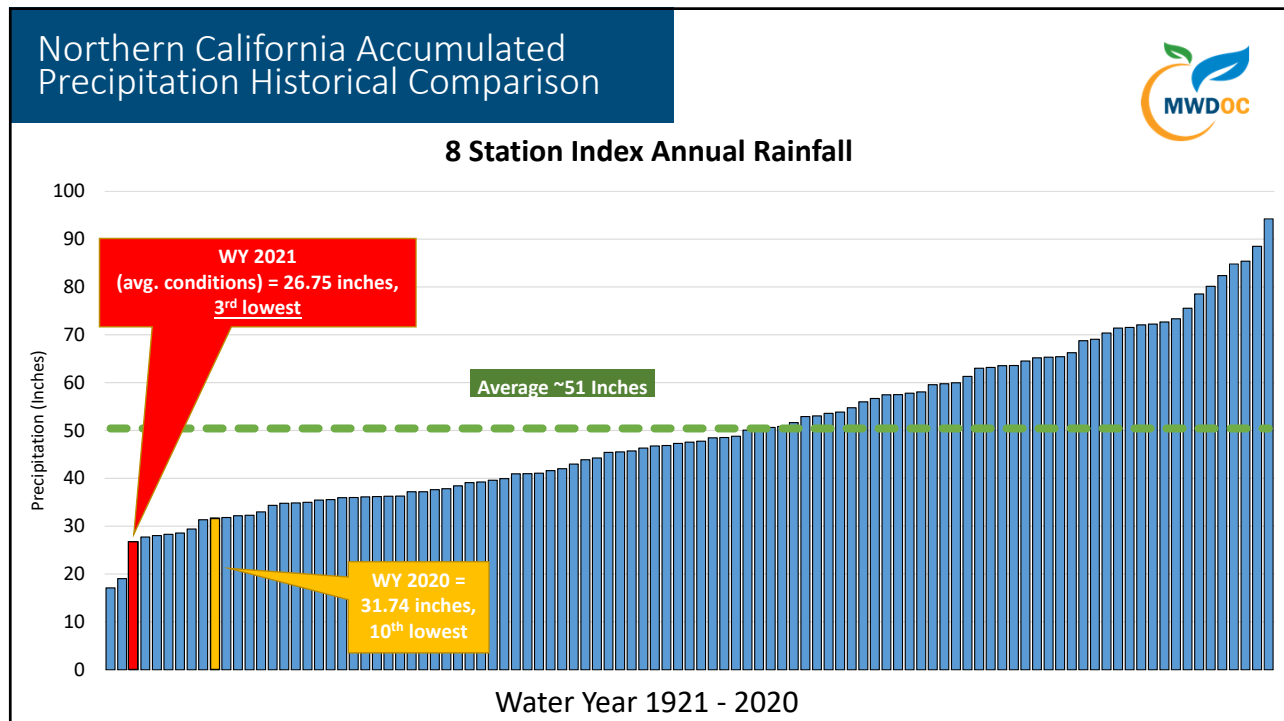
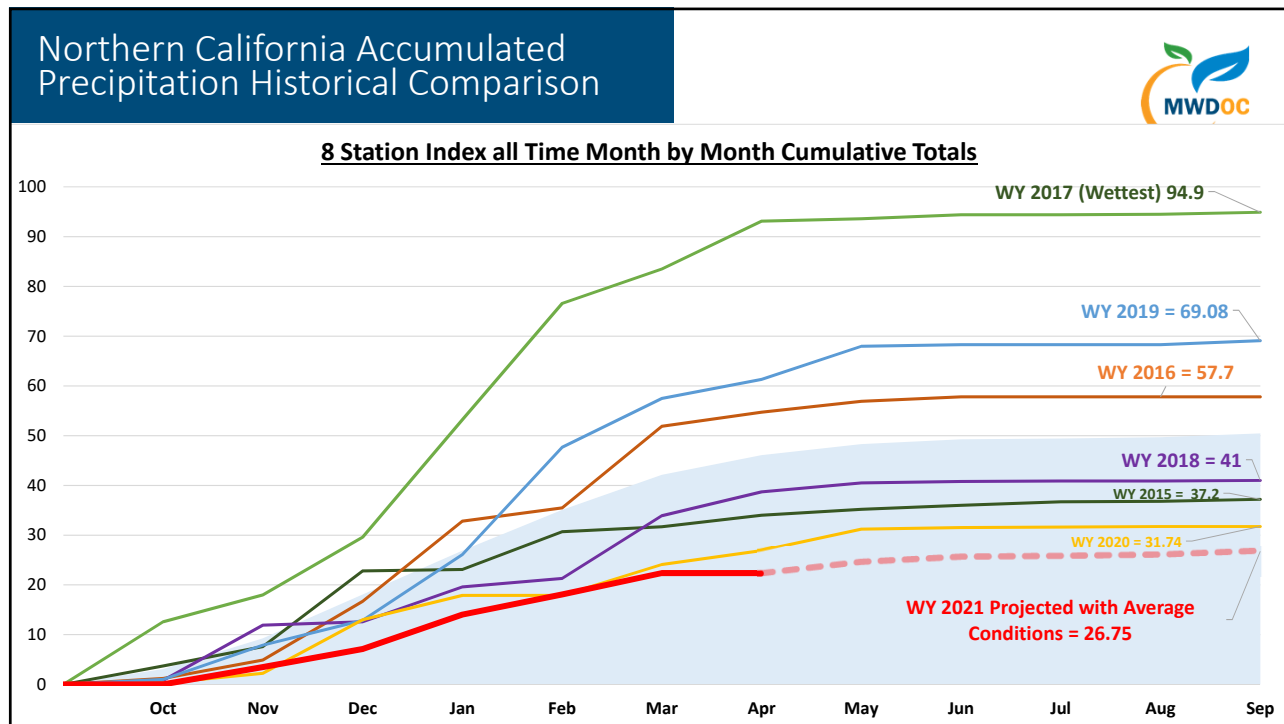
Insight to regional weather conditions that affect California's water supply

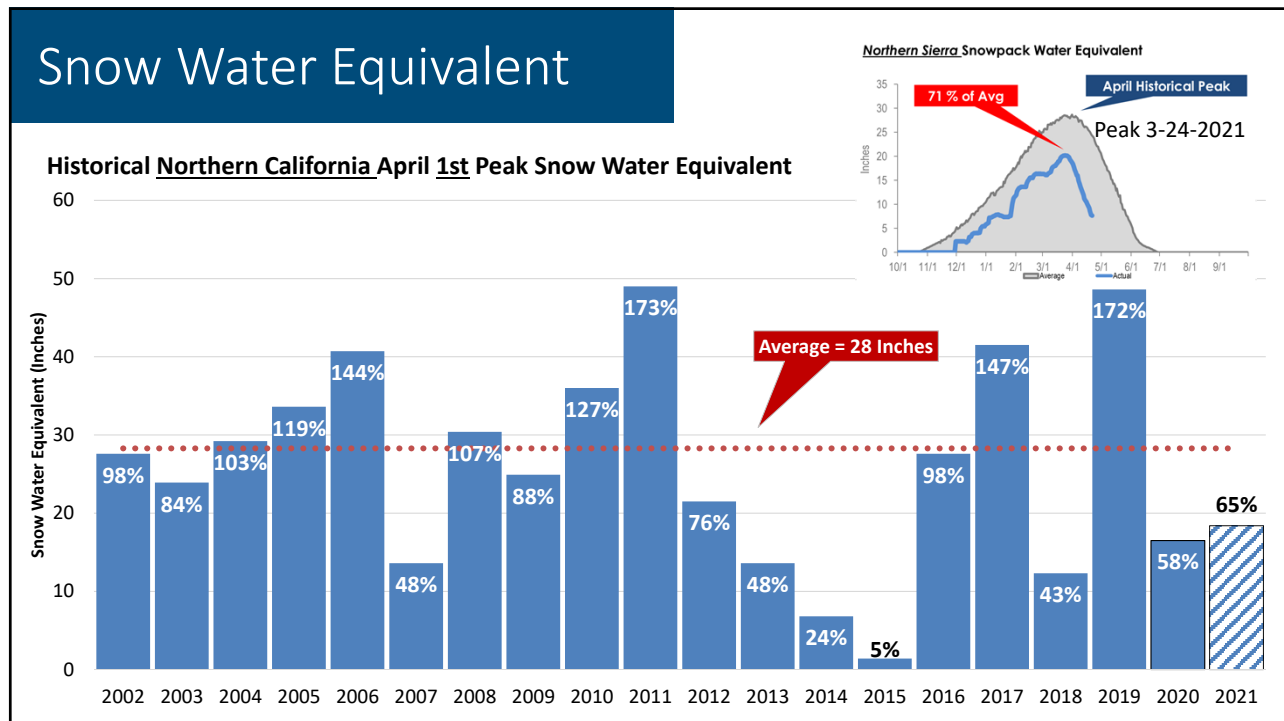
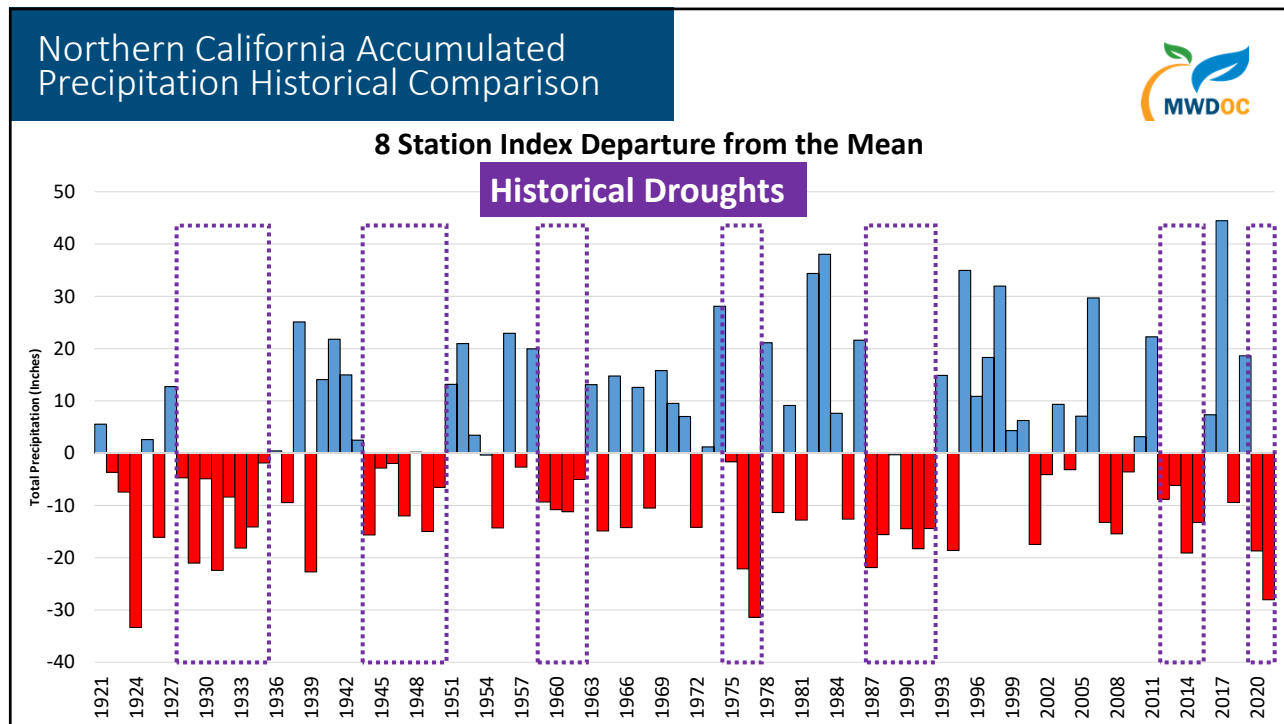
California Drought Monitor



Northern California Accumulated Precipitation WY 2021

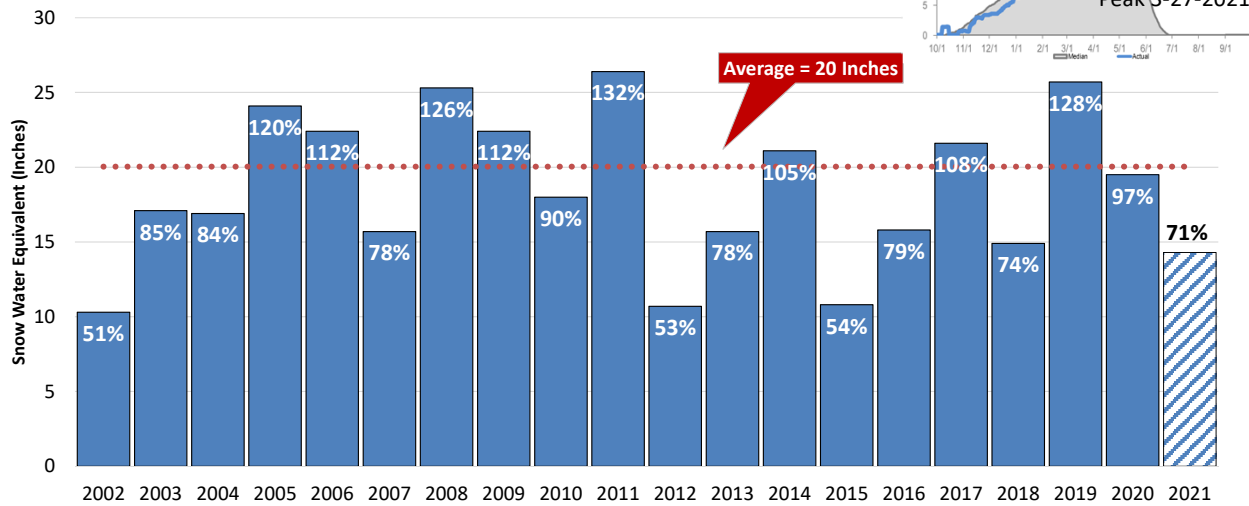






Snow Water Equivalent

Historical Colorado Basin April 15th Peak Snow Water Equivalent



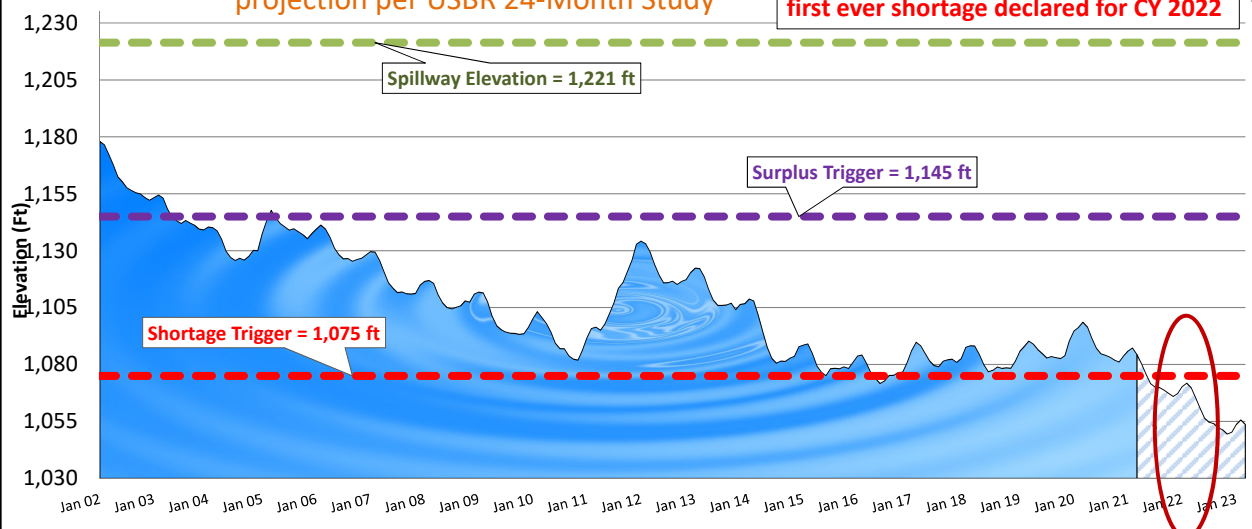
Lake Mead

Lake Mead Shortage/Surplus Outlook

	2021	2022	2023	2024	2025
Shortage	0%	60%	82%	75%	73%
Surplus	0%	0%	0%	2%	5%

August 2021 USBR Study most likely first ever shortage declared for CY 2022

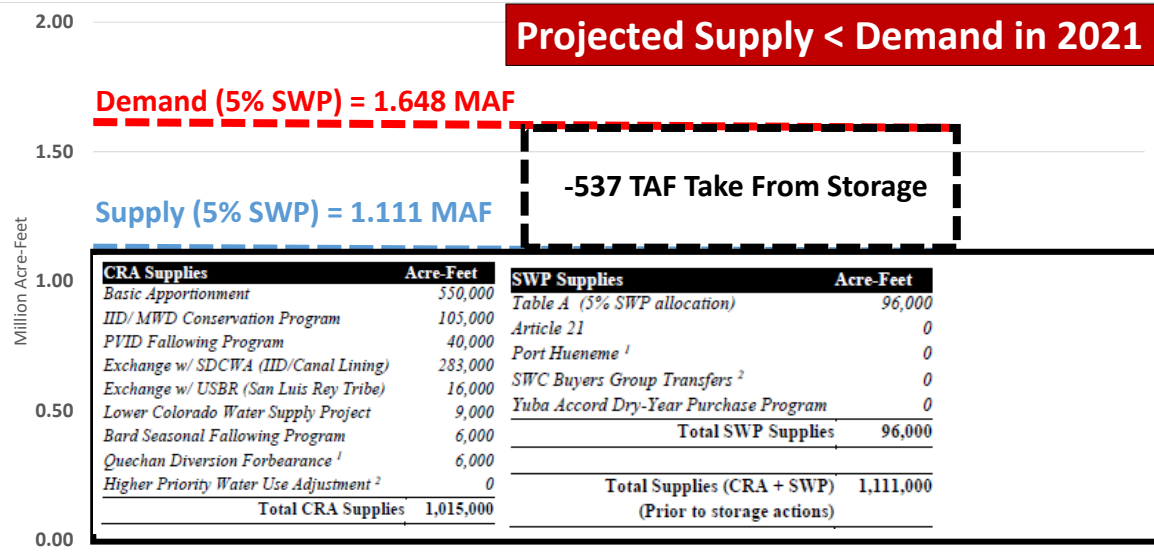
Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study





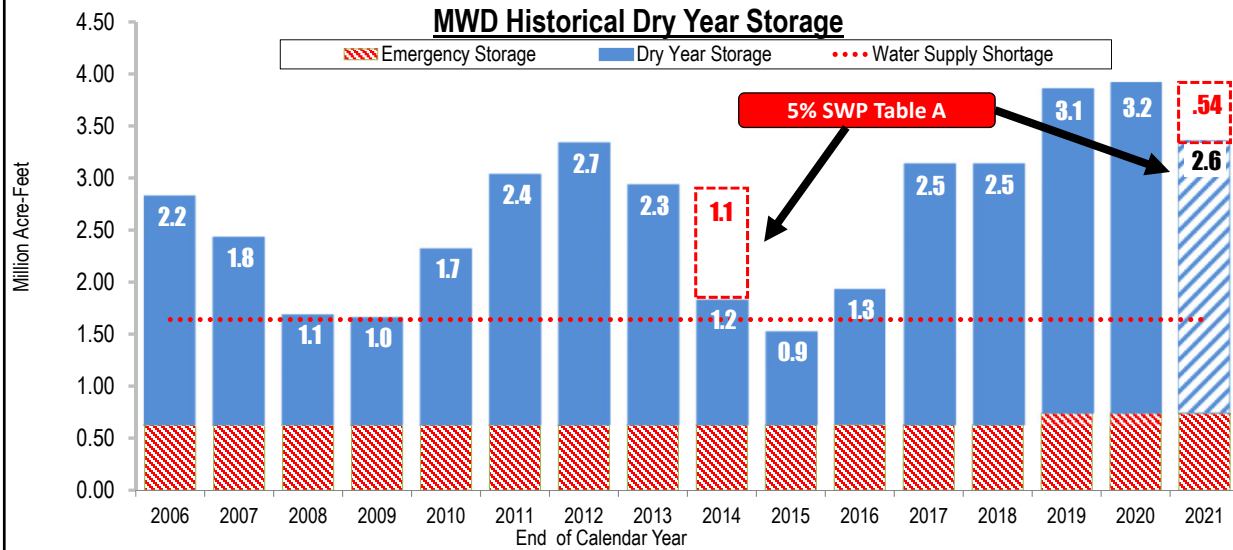
MWD 2021 Water Storage

MWD 2021 Estimated Water Storage

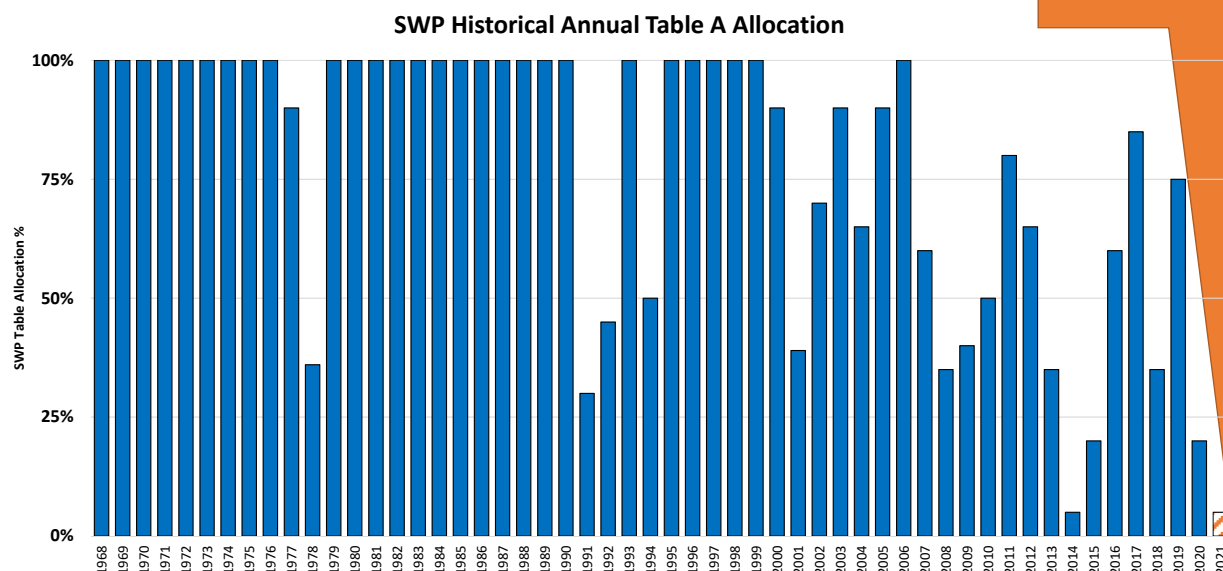


MWD 2021 Estimated Water Storage

0.43 MAF Not used compared to 2014



Historical SWP Table A %





Questions???

**Mammoth Lakes 3-19-2021*