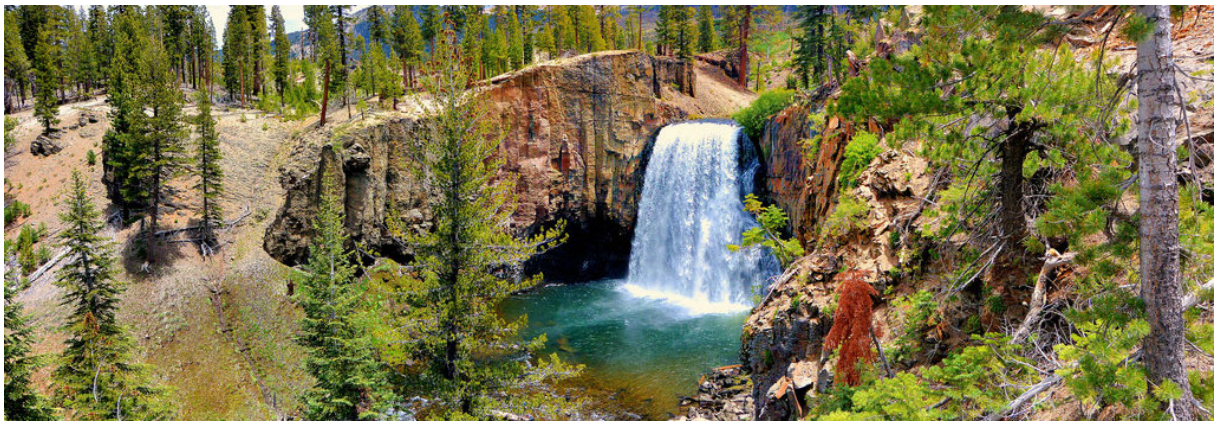
Item No. 1

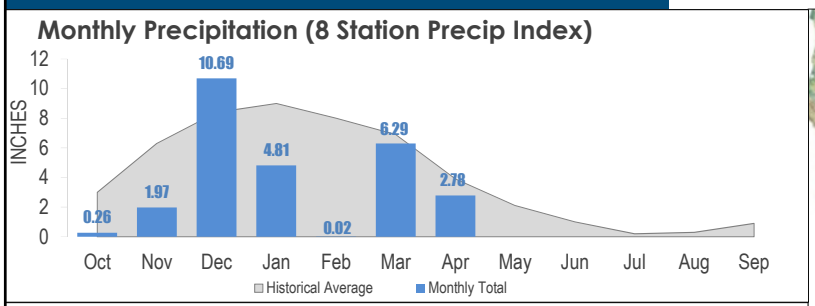


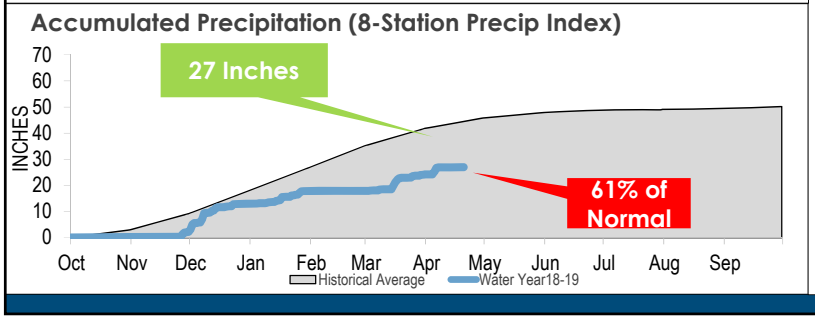
Water Supply Conditions

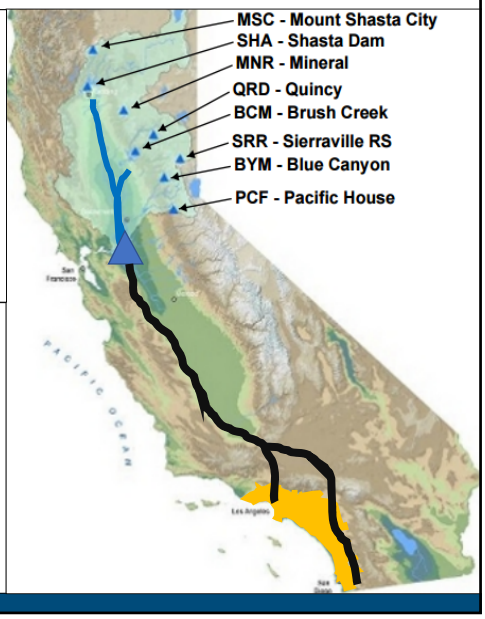
Kevin Hostert, Water Resources Analyst
Municipal Water District of Orange County

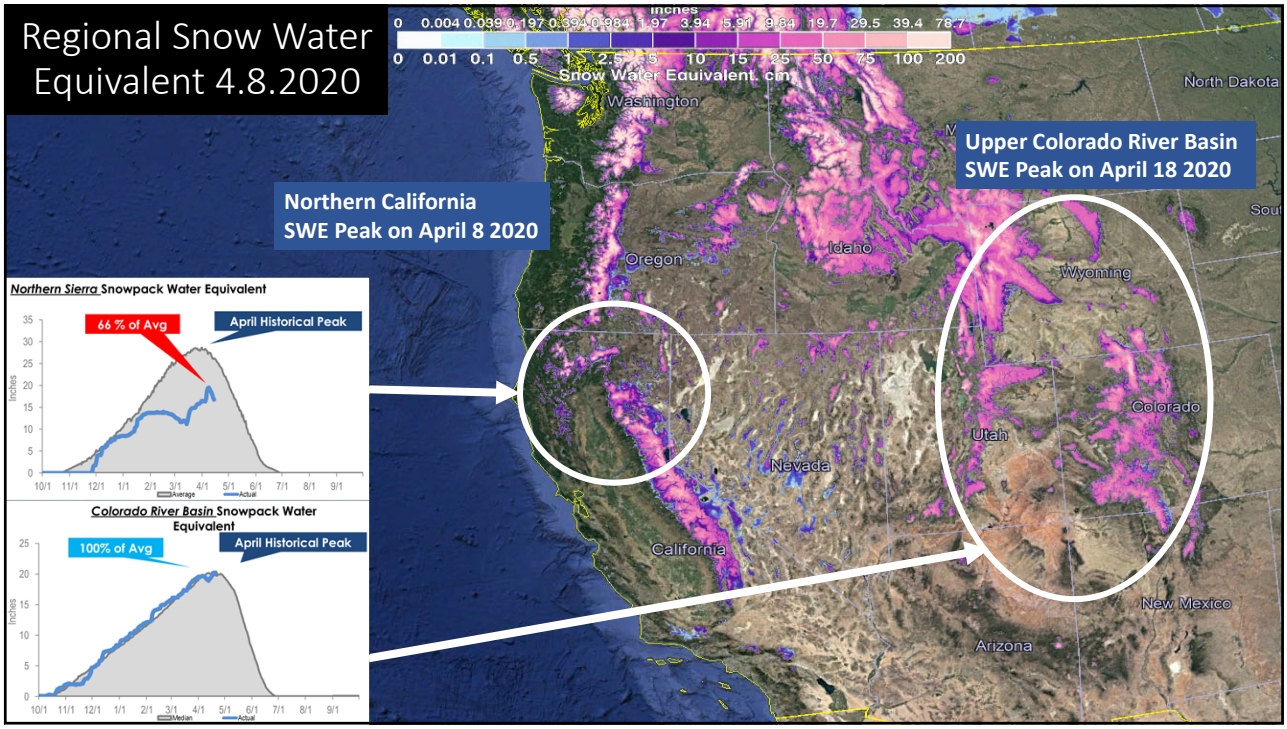
April 22nd 2020

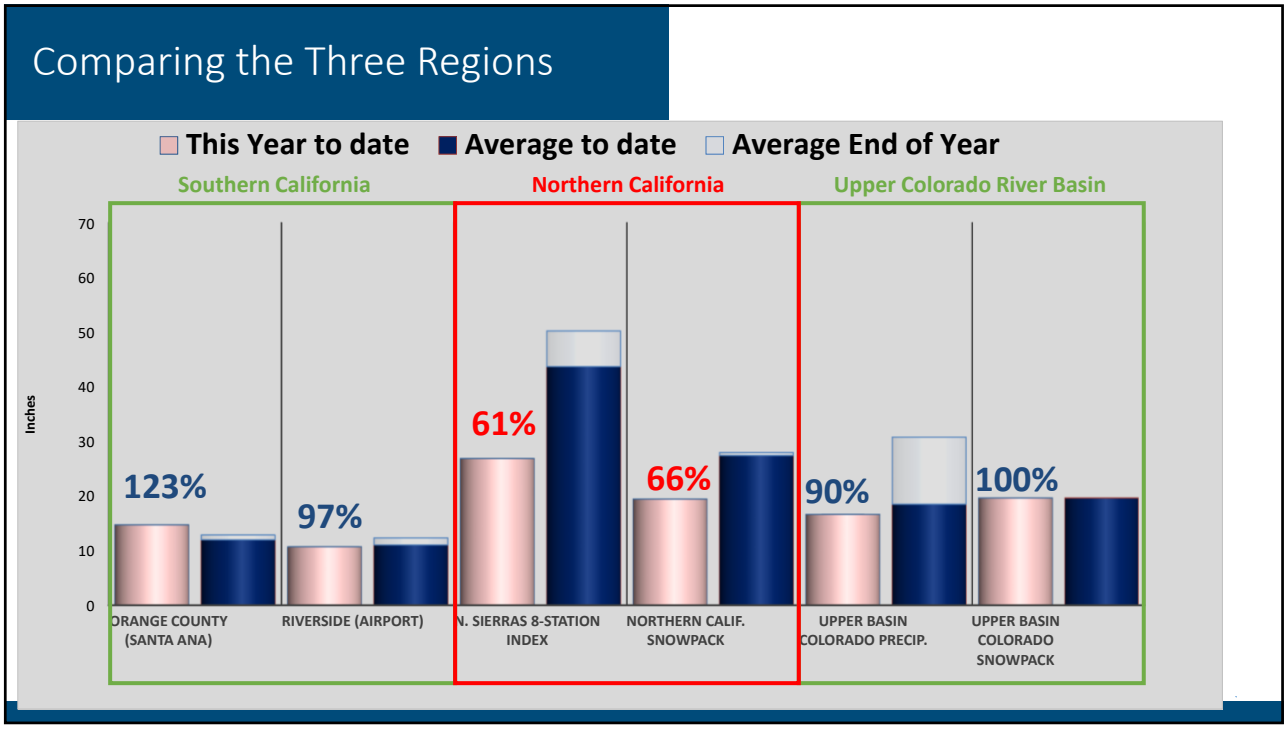
Northern California Accumulated Precipitation







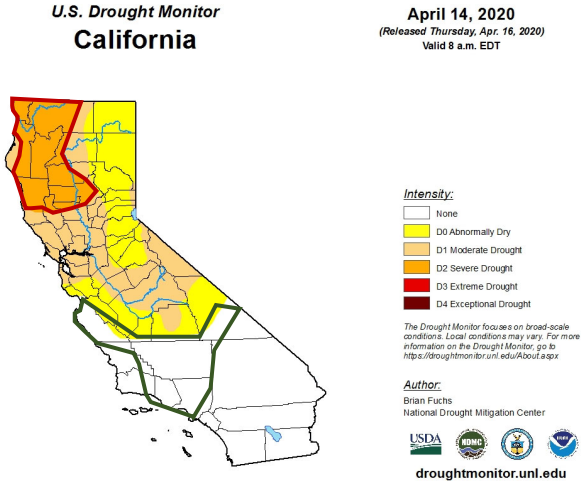

Regional Snow Water Equivalent 4.8.2020
Snow Water Equivalent, cm
Northern California SWE Peak on April 8 2020
Upper Colorado River Basin SWE Peak on April 18 2020
Northern Sierra Snowpack Water Equivalent
66 % of Avg
April Historical Peak
Colorado River Basin Snowpack Water Equivalent
100% of Avg
April Historical Peak
Washington
Oregon
Idaho
Wyoming
Nevada
California
Utah
Colorado
Arizona
New Mexico
North Dakota

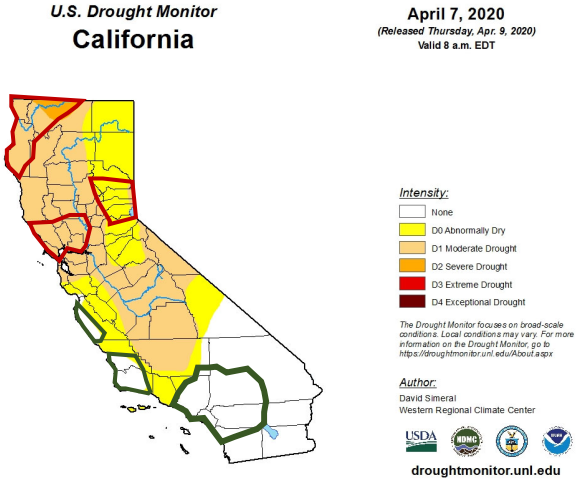

Comparing the Three Regions
This Year to date
Average to date
Average End of Year
Southern California
Northern California
Upper Colorado River Basin
Inches
123%
97%
61%
66%
90%
100%
ORANGE COUNTY (SANTA ANA)
RIVERSIDE (AIRPORT)
N. SIERRAS 8-STATION INDEX
NORTHERN CALIF. SNOWPACK
UPPER BASIN COLORADO PRECIP.
UPPER BASIN COLORADO SNOWPACK

California Drought Monitor

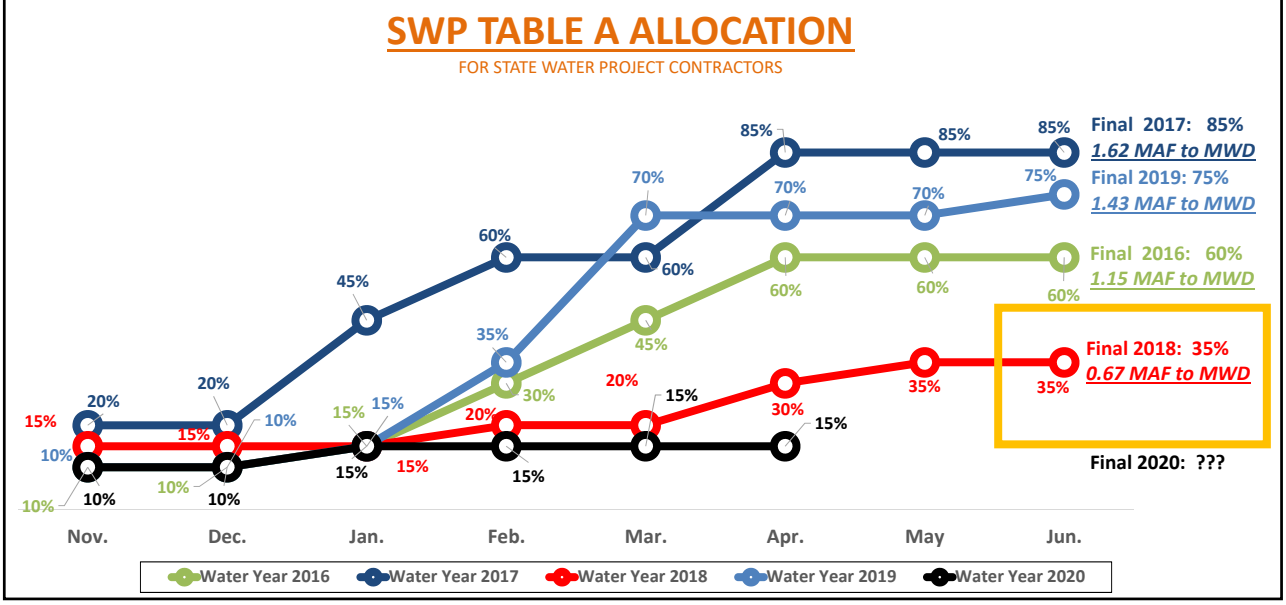
April 14 = 0% drought in Southern California
April 14 = Severe drought expanding in Northern California

April 7 = Drought Conditions improve for Southern California
April 7 = Drought Conditions increase in Northern California



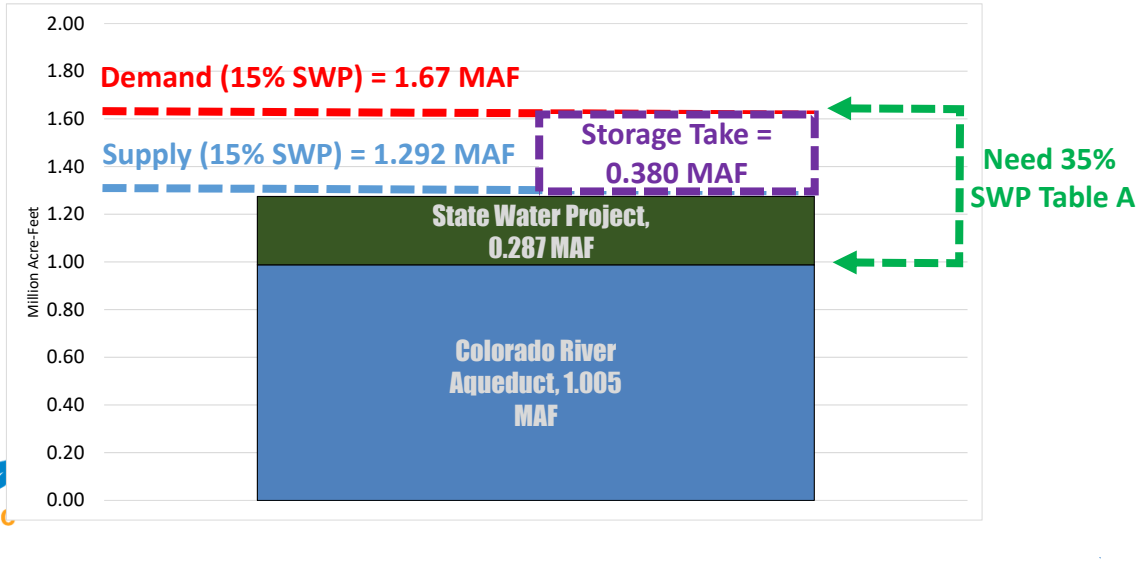


2020 SWP Table A Allocation

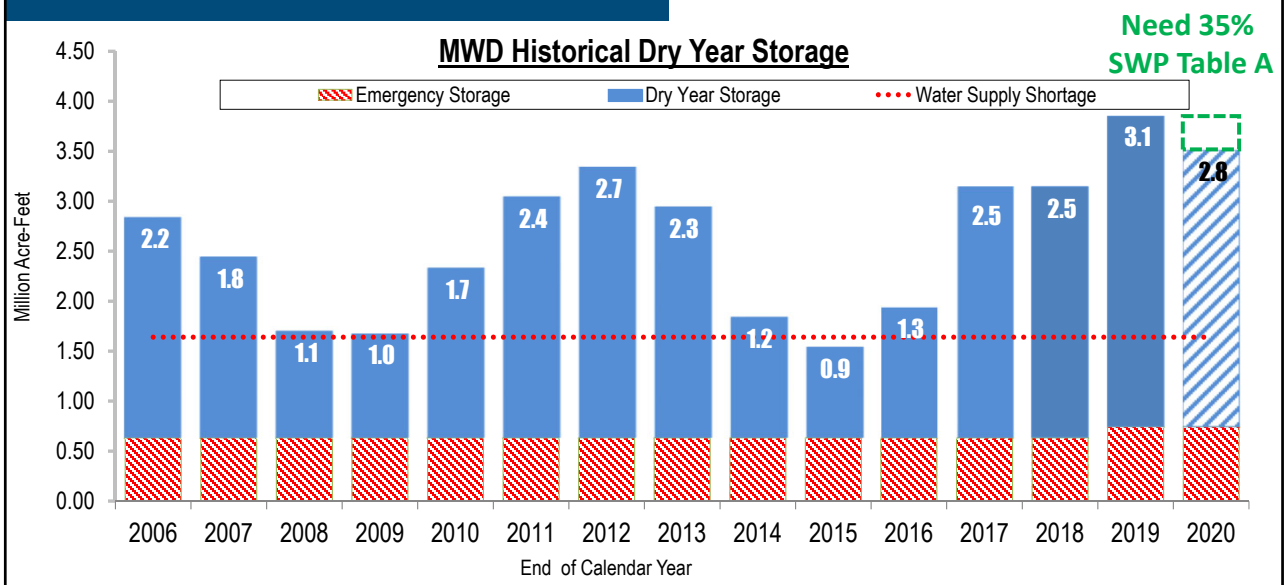


MWD 2020 Water Storage

MWD 2020 Estimated Water Storage

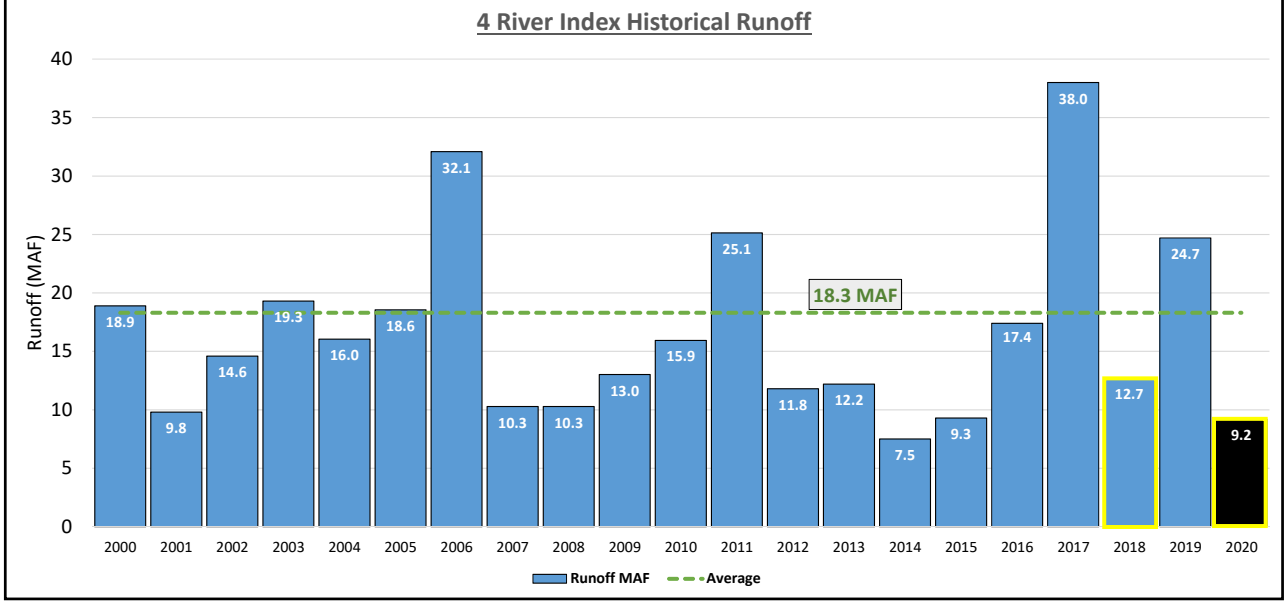


MWD 2020 Estimated Water Storage

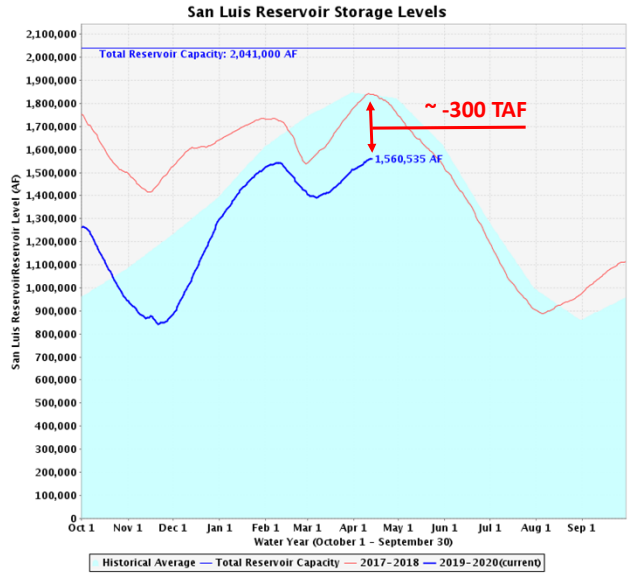
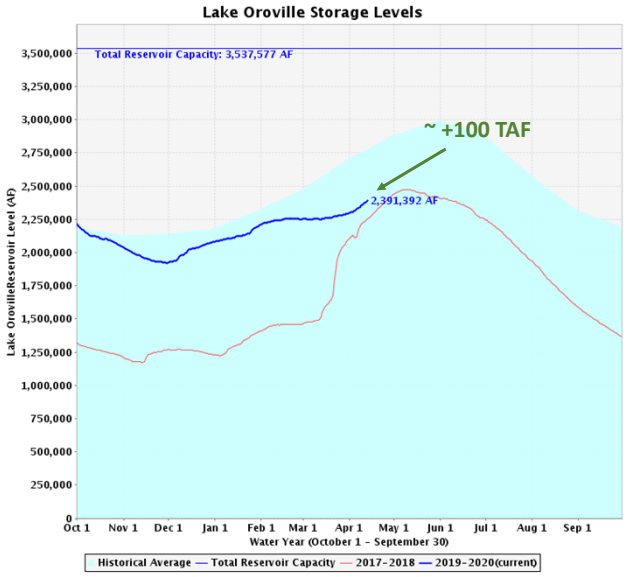


SWP Table A % Outlook

2020 (15%) Water Year Vs 2018 (35%) Water Year



SWP Table A % Outlook

2020 (15%) Water Year Vs 2018 (35%) Water Year

1. April storms will increase Northern California runoff projections
2. If Table A % increase were to occur, most likely will not be until May