



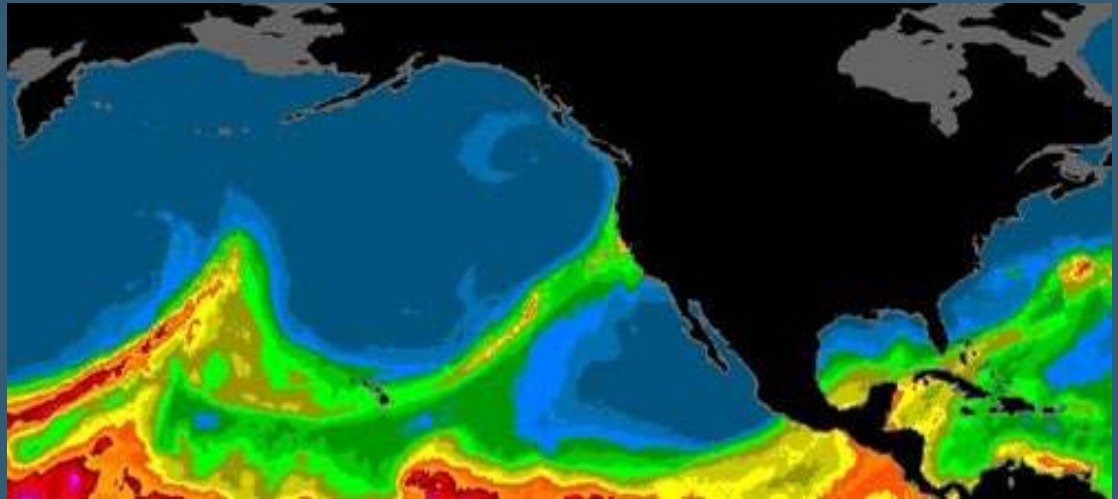
Status of Water Supplies

Board of Directors
March 16, 2021
Item 7.1

Overview

Water Supply Update

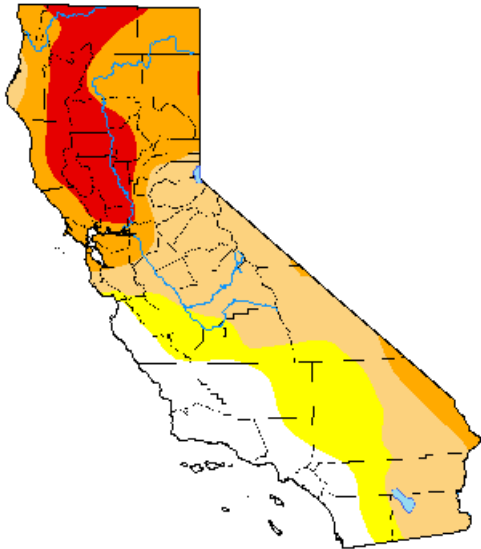
- Drought Classification
- Snowpack
- SCV Precipitation
- Weather Forecast
- Operating Plan



Drought Classification

Current Conditions

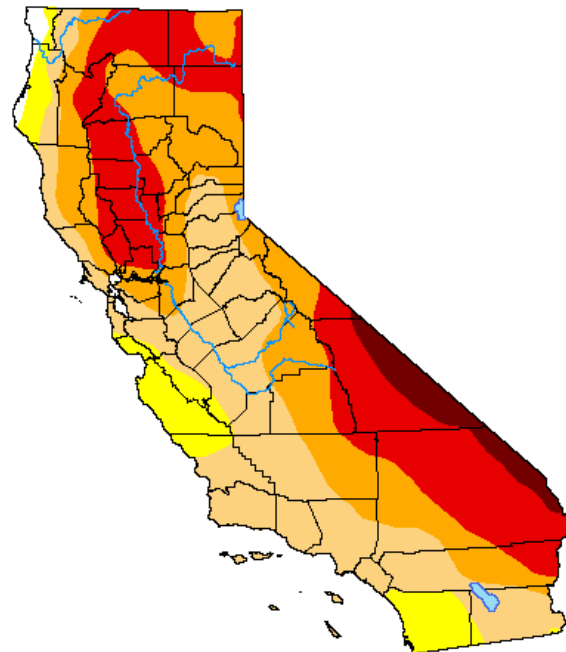
September 29, 2020









Start of Water Year 2021

U.S. Drought Monitor
California

March 9, 2021
(Released Thursday, Mar. 11, 2021)
Valid 7 a.m. EST



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

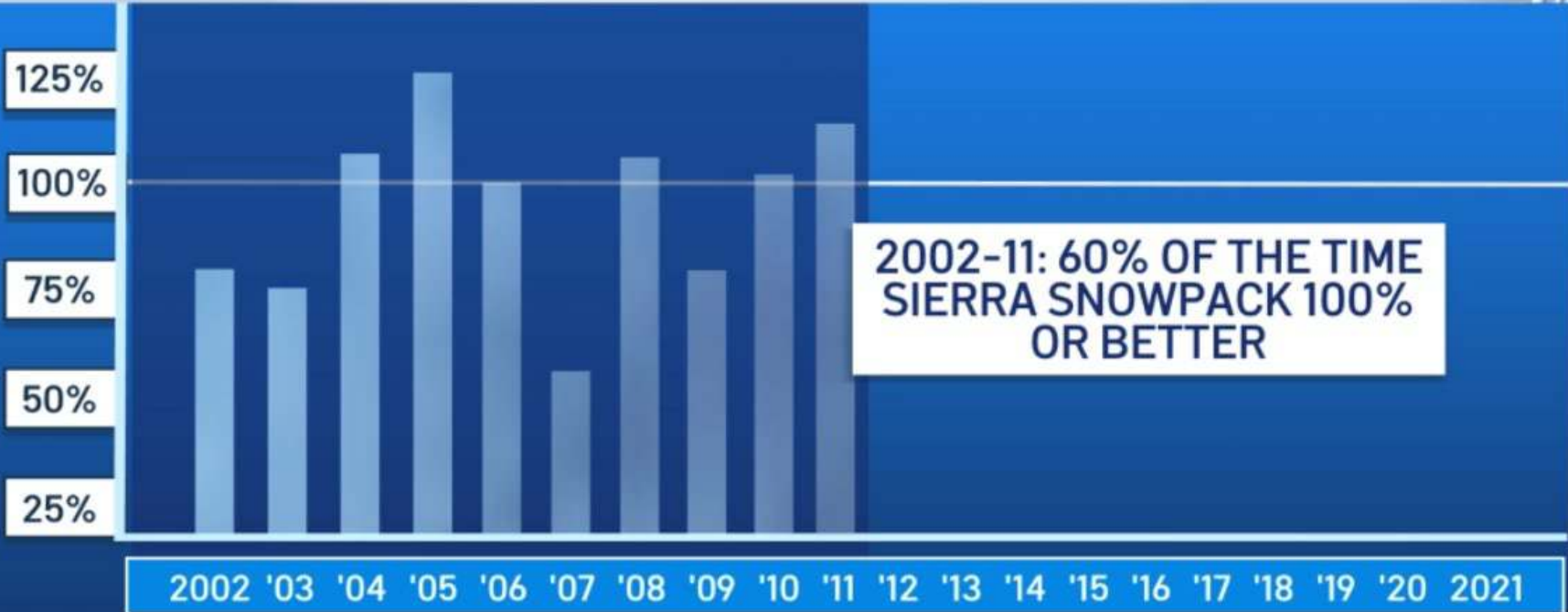
Brian Fuchs
National Drought Mitigation Center



droughtmonitor.unl.edu

DECREASING SIERRA SNOWPACK

YEARS WITH 100% OR MORE OF AVERAGE



DECREASING SIERRA SNOWPACK

YEARS WITH 100% OR MORE OF AVERAGE

125%

100%

75%

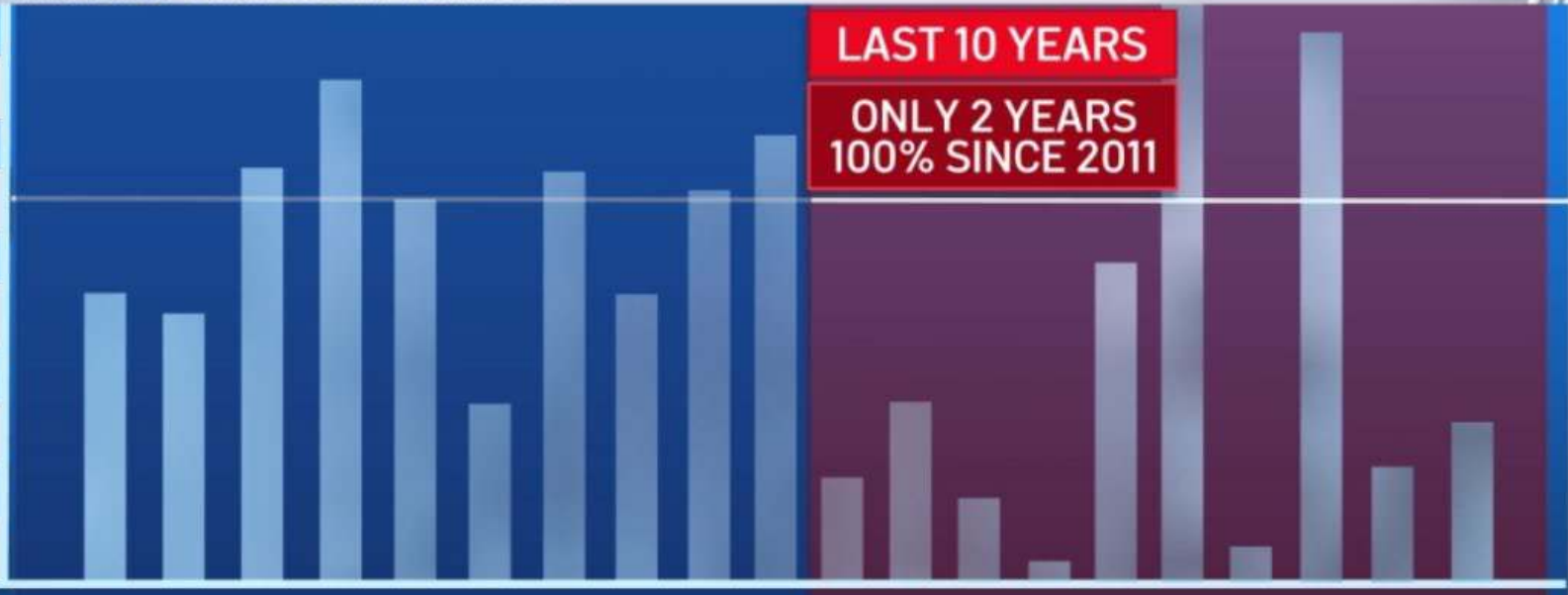
50%

25%

LAST 10 YEARS

ONLY 2 YEARS
100% SINCE 2011

2002 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14 '15 '16 '17 '18 '19 '20 2021





Statewide Summary of Snow Water Content

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of March 12, 2021	
Number of Stations Reporting	32
Average snow water equivalent (Inches)	17.9
Percent of April 1 Average (%)	62
Percent of normal for this date (%)	64

CENTRAL	
Data as of March 12, 2021	
Number of Stations Reporting	42
Average snow water equivalent (Inches)	18.5
Percent of April 1 Average (%)	63
Percent of normal for this date (%)	66

SOUTH	
Data as of March 12, 2021	
Number of Stations Reporting	29
Average snow water equivalent (Inches)	10.2
Percent of April 1 Average (%)	40
Percent of normal for this date (%)	42

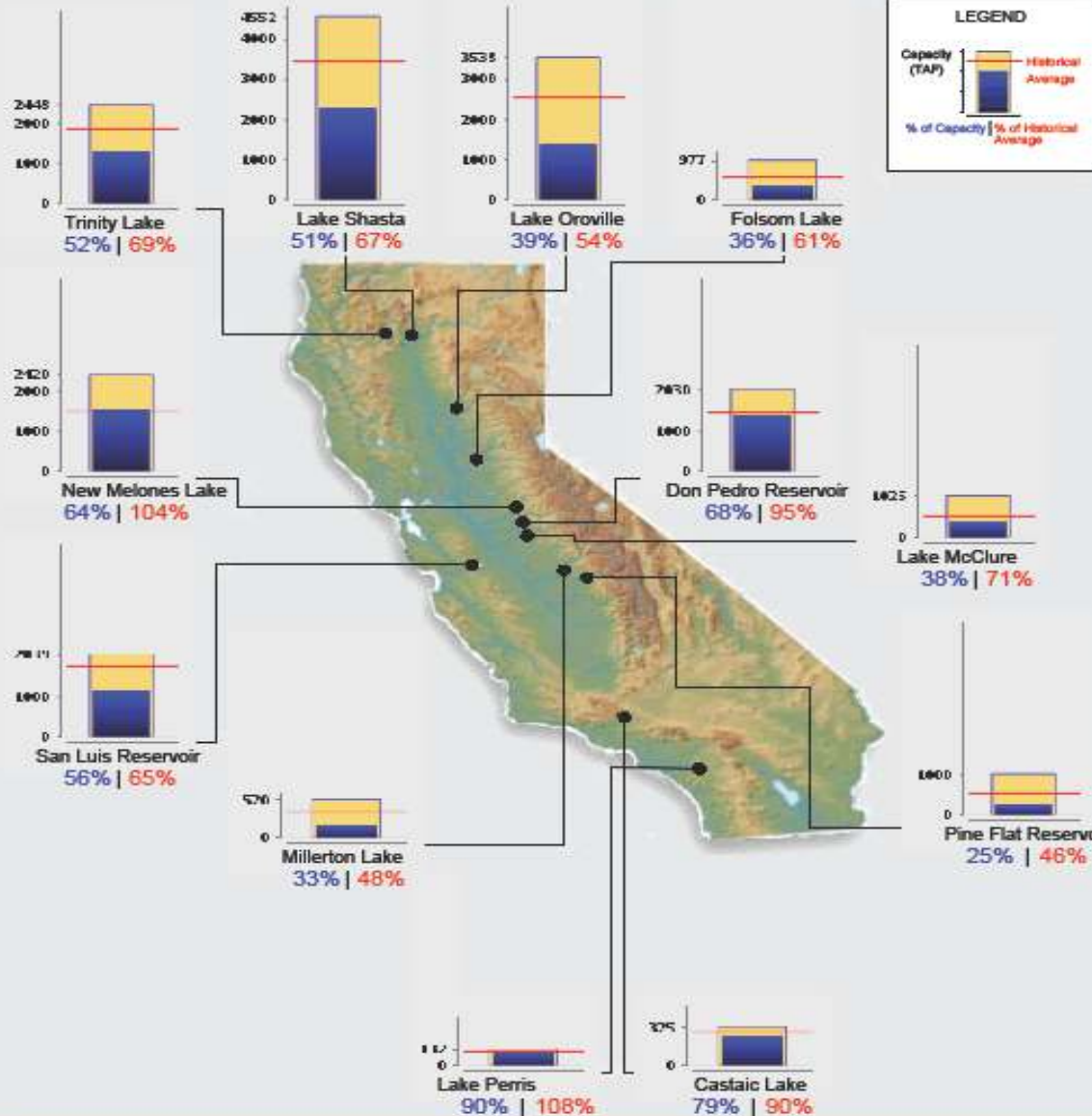
STATE	
Data as of March 12, 2021	
Number of Stations Reporting	103
Average snow water equivalent (Inches)	16.0
Percent of April 1 Average (%)	57
Percent of normal for this date (%)	60



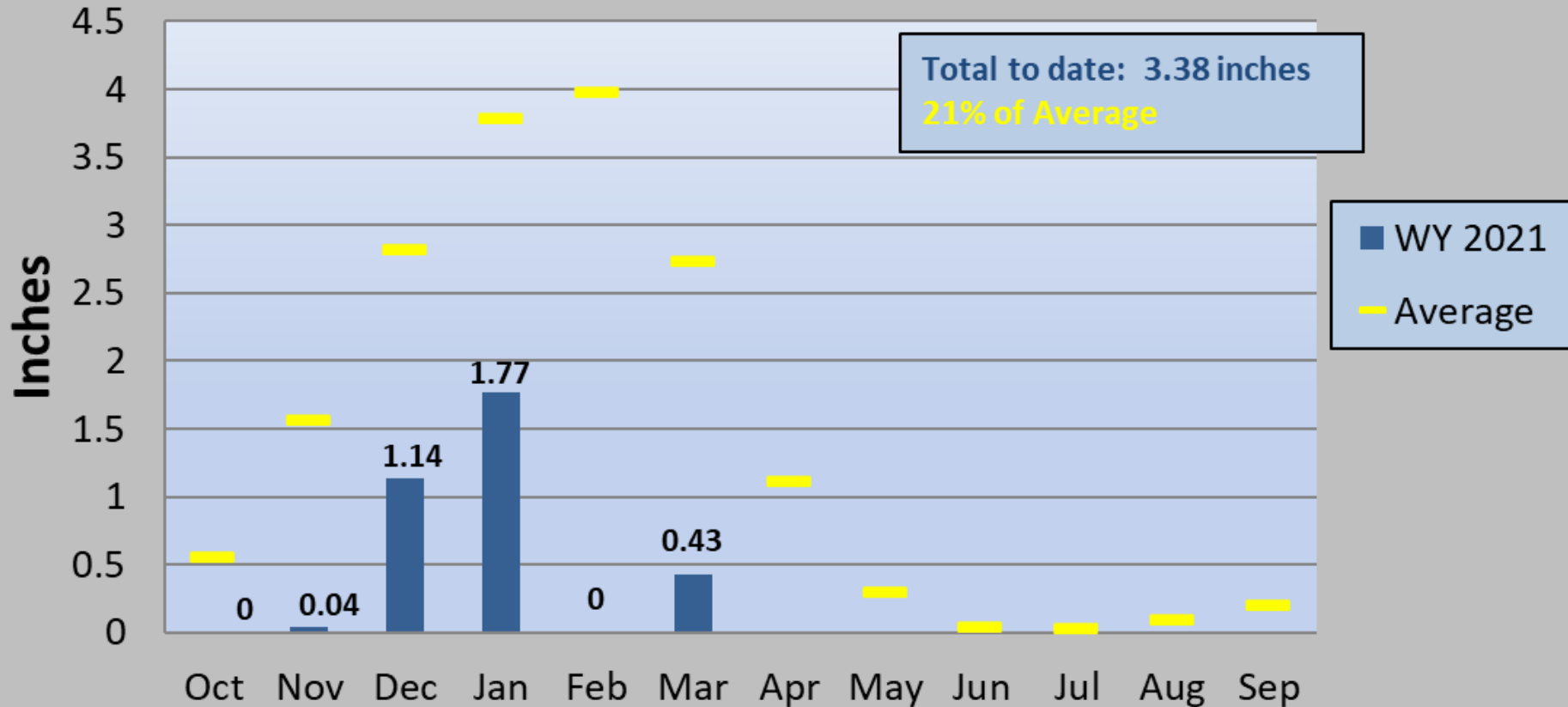
Reservoir Conditions

Ending At Midnight - March 11, 2021

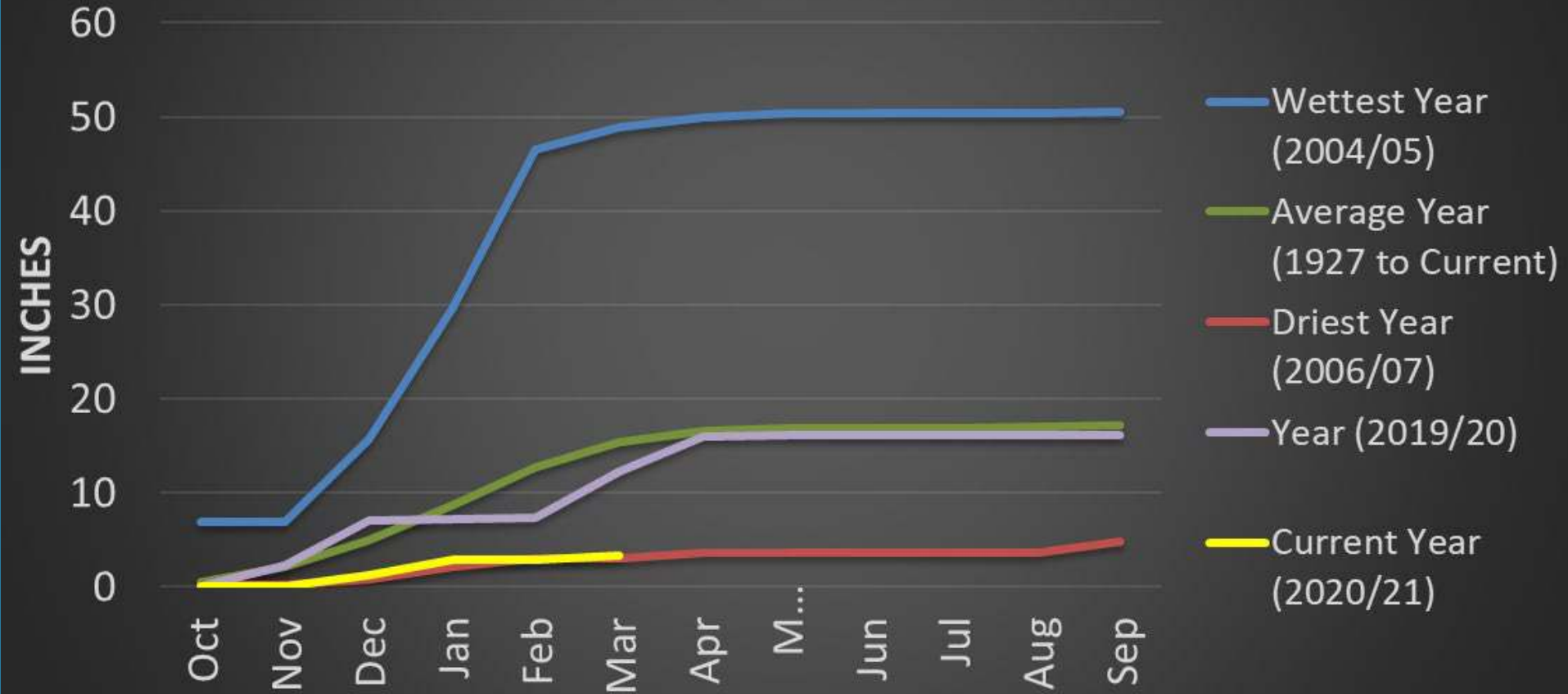
CURRENT RESERVOIR CONDITIONS



SCV Precipitation Water Year 2021

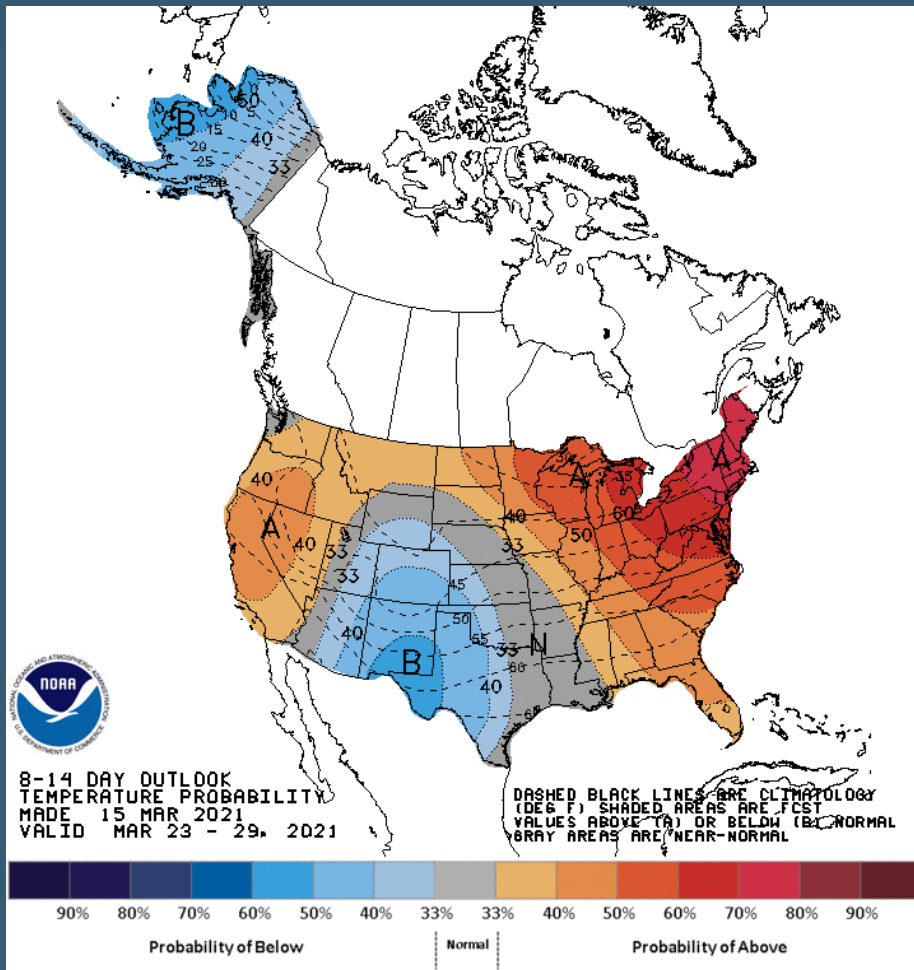


SCV Historical Rainfall

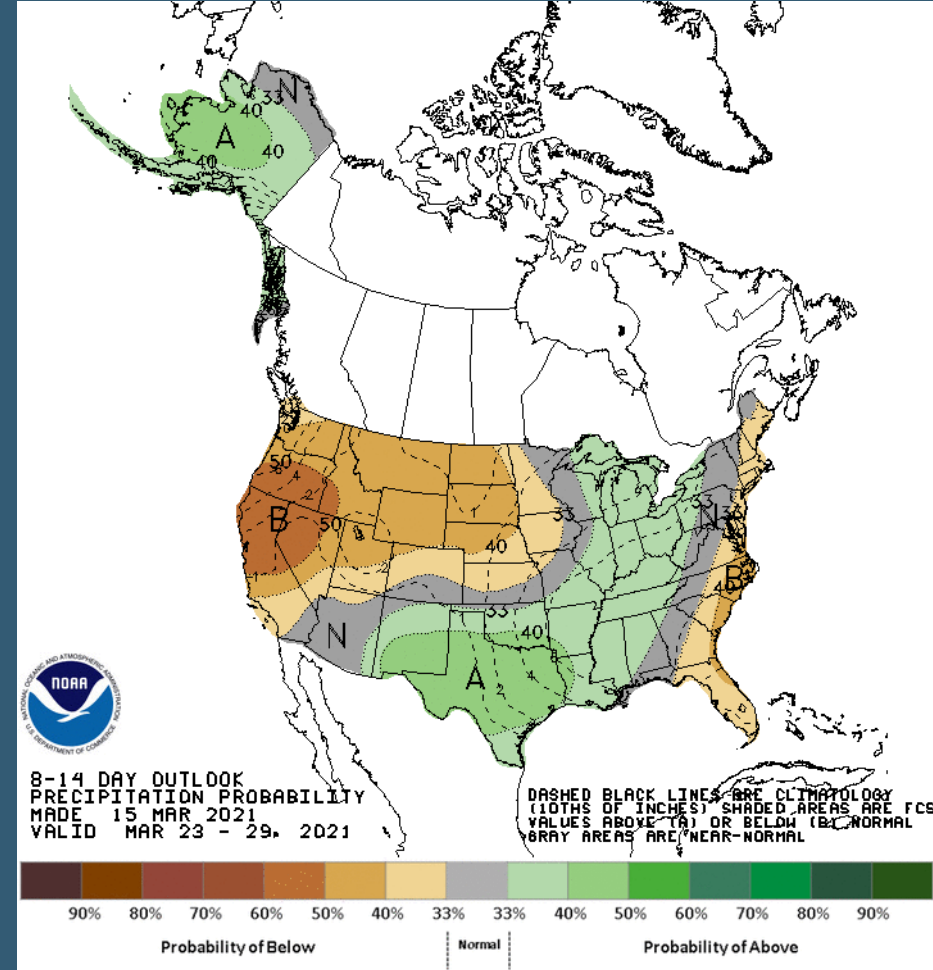


8-14 Day Forecast (to March 29th)

Temperature

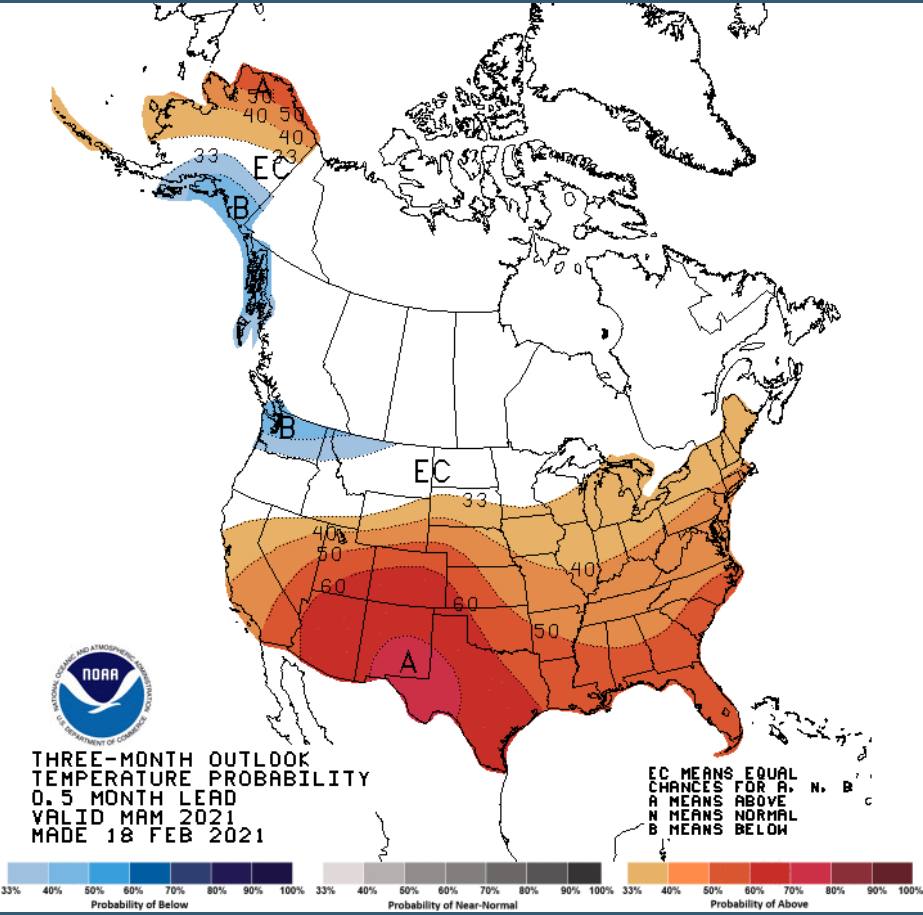


Precipitation

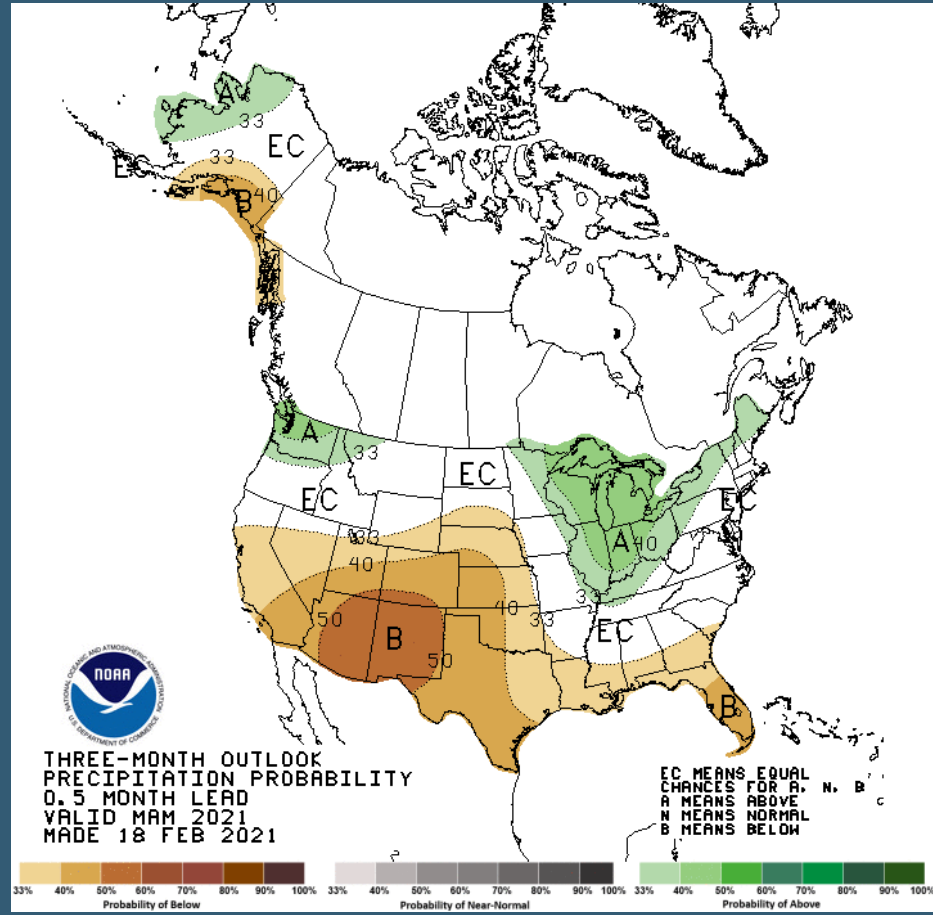


90 Day Forecast (March, April, May)

Temperature




Precipitation



2021 Operating Plan (Acre-Feet)	2021 5% SWP Allocation	2021 10% SWP Allocation	2021 15% SWP Allocation	2022 5% SWP Allocation
Demand	70,000	70,000	70,000	71,500
Groundwater¹	24,345	24,345	24,345	31,300
Alluvium	12,345	12,345	12,345	14,800
Saugus	12,000	12,000	12,000	16,500
Recycled Water	450	450	450	1,000
Imported Demand	45,205	45,205	45,205	39,200
Imported Supplies				
SWP Table A	4,760	9,520	14,280	4,760
BVRRB	11,000	11,000	11,000	11,000
Total Available Imported Supplies	15,760	20,520	25,280	15,760
Excess Imported Supplies (neg = shortfall)	(29,445)	(24,685)	(19,925)	(23,440)
Dry Year Water Supplies				
SWP Carryover (not guaranteed)	7,000	7,000	7,500	6,500
Rosedale Banking	13,000	10,685	10,000	10,000
Semitropic Enhanced Recovery Unit (Banking)	5,000	5,000	2,425	5,000
AVEK and or UWCD Exchange				
Yuba Accord	1,000	1,000		1000
Dry Year Water Purchase	1,000	1,000		
Flexible Storage (up to 6,060 AF)	2,445			940
2021 SWP Carryover into 2022	0	0	0	0
Total Imported Supplies	45,205	45,205	45,205	39,200

Questions?

A quote by Maya Angelou is centered on a rectangular background. The background features a landscape of misty, layered mountains in shades of red, orange, and brown, with a soft, hazy sky. The text is written in a white, bold, sans-serif font.

HOPING FOR
THE BEST
PREPARED FOR
THE WORST
AND UNSURPRISED BY
ANYTHING
IN BETWEEN

Maya Angelou