

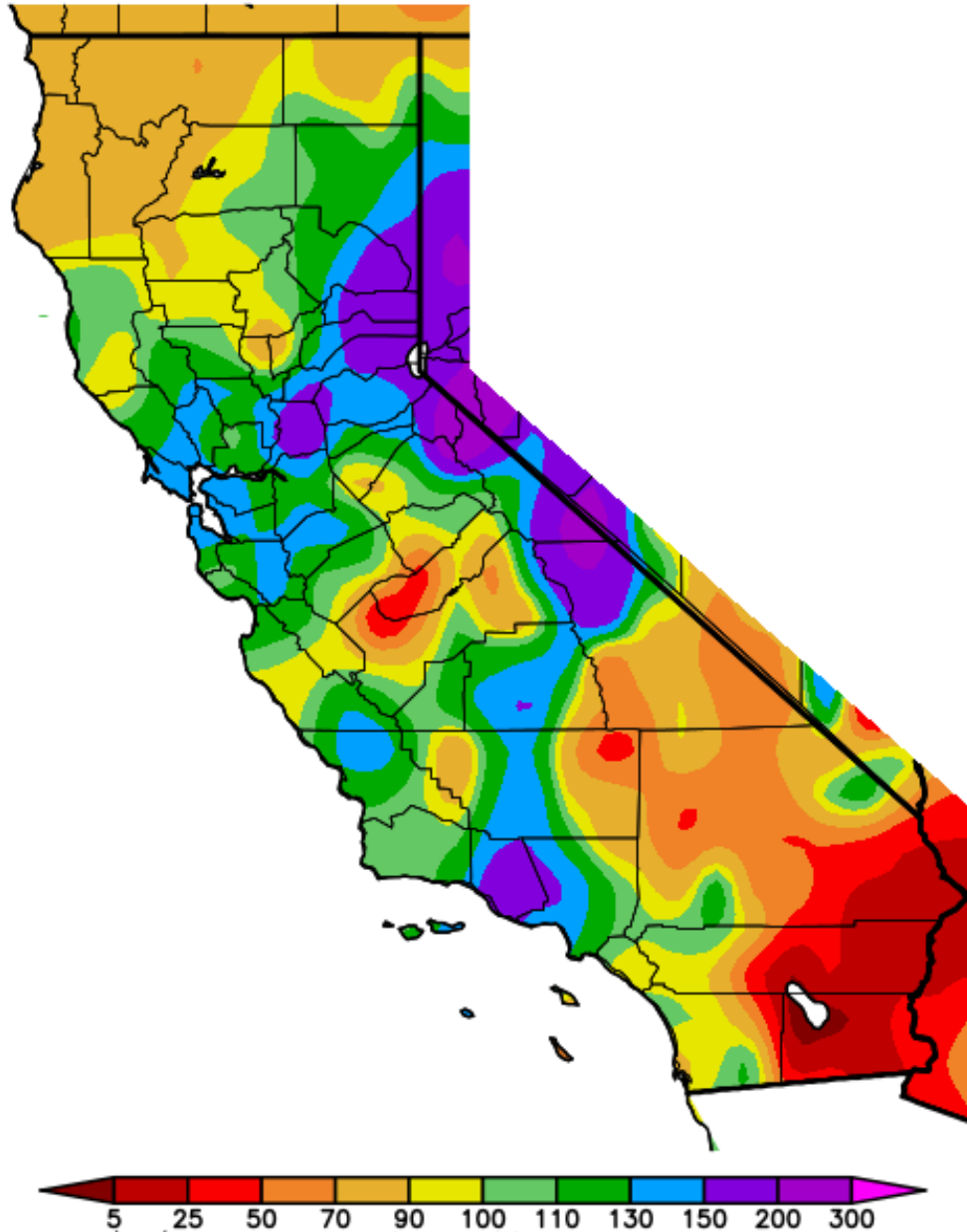
Current Hydrologic Conditions & Forecasted Outlook

Gordon Enas
Modesto Irrigation District

Stanislaus County
Water Advisory Council

January 26, 2022

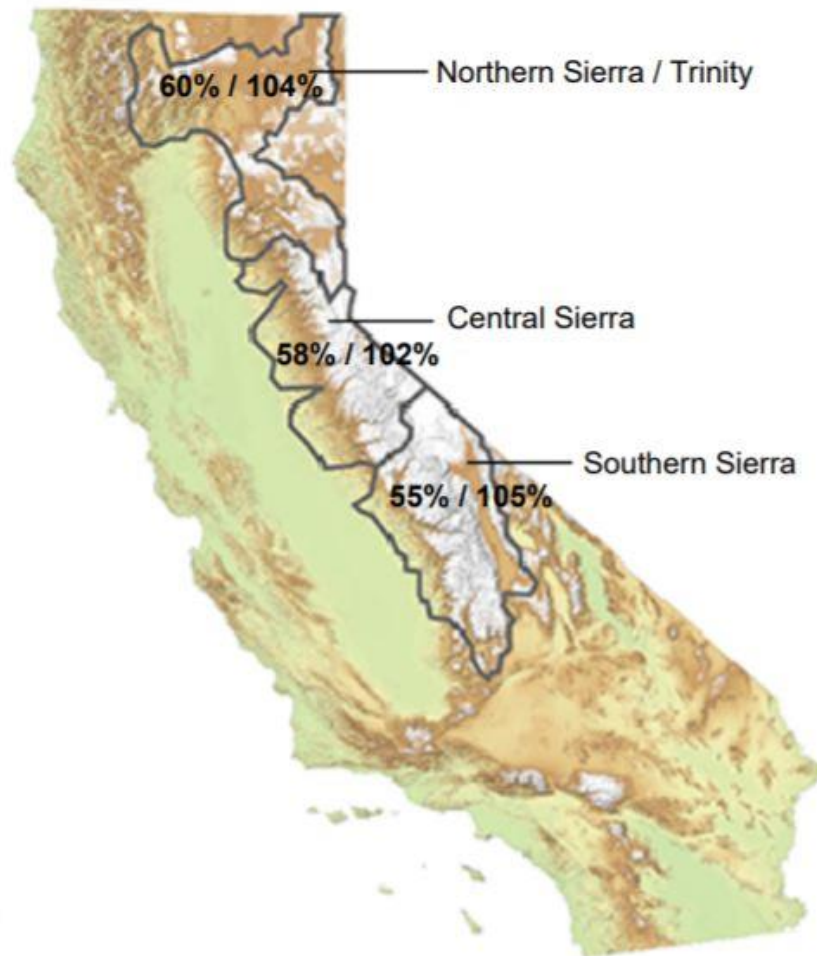
Percent of Average Precipitation (%) 10/1/2021 – 1/24/2022



Generated 1/25/2022 at WRCC using provisional data.
NOAA Regional Climate Centers

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



NORTH	
Data as of January 25, 2022	
Number of Stations Reporting	29
Average snow water equivalent (Inches)	17.1
Percent of April 1 Average (%)	60
Percent of normal for this date (%)	104

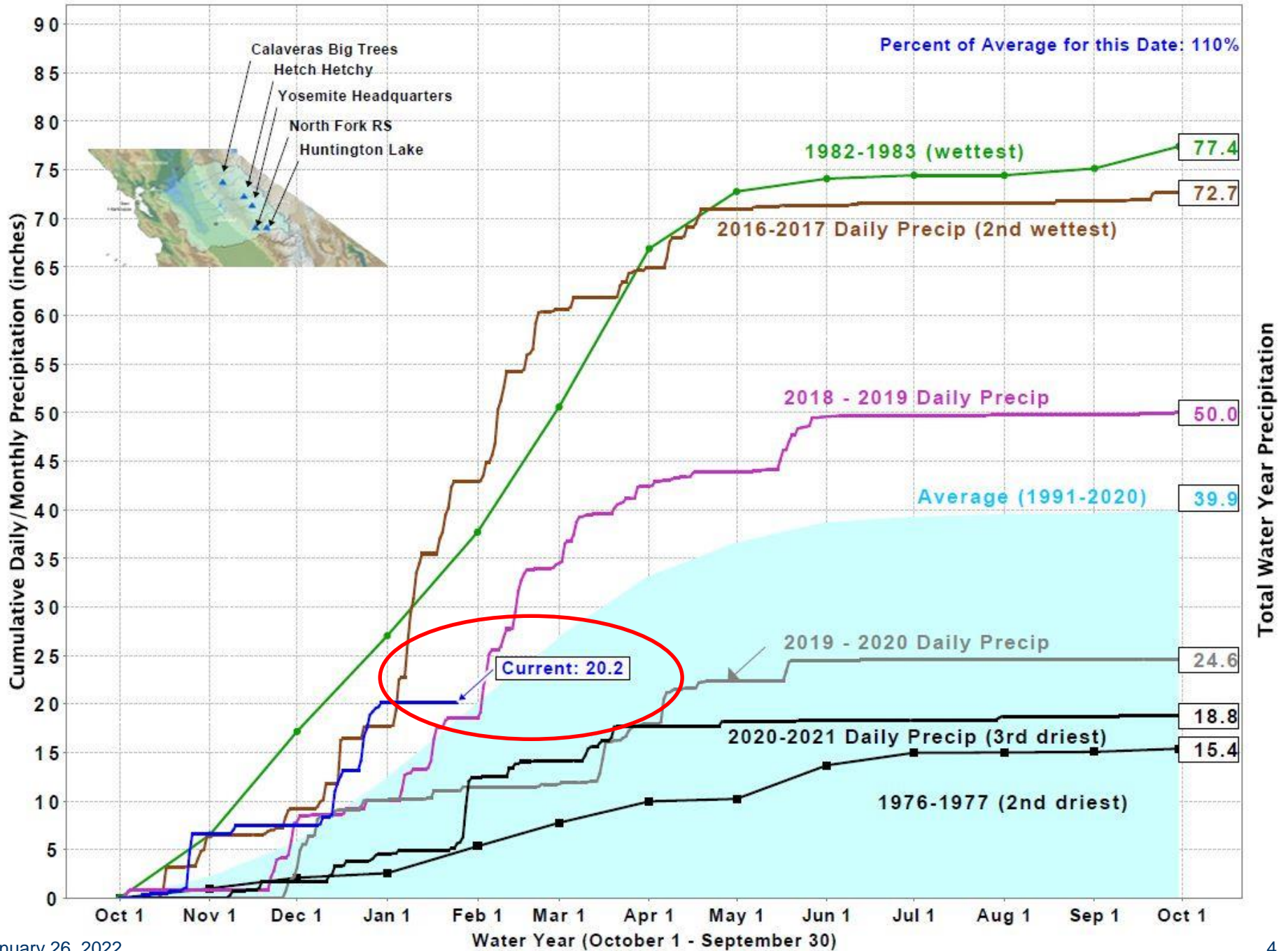
CENTRAL	
Data as of January 25, 2022	
Number of Stations Reporting	42
Average snow water equivalent (Inches)	16.9
Percent of April 1 Average (%)	58
Percent of normal for this date (%)	102

SOUTH	
Data as of January 25, 2022	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	14.1
Percent of April 1 Average (%)	55
Percent of normal for this date (%)	105

STATE	
Data as of January 25, 2022	
Number of Stations Reporting	101
Average snow water equivalent (Inches)	16.1
Percent of April 1 Average (%)	58
Percent of normal for this date (%)	104

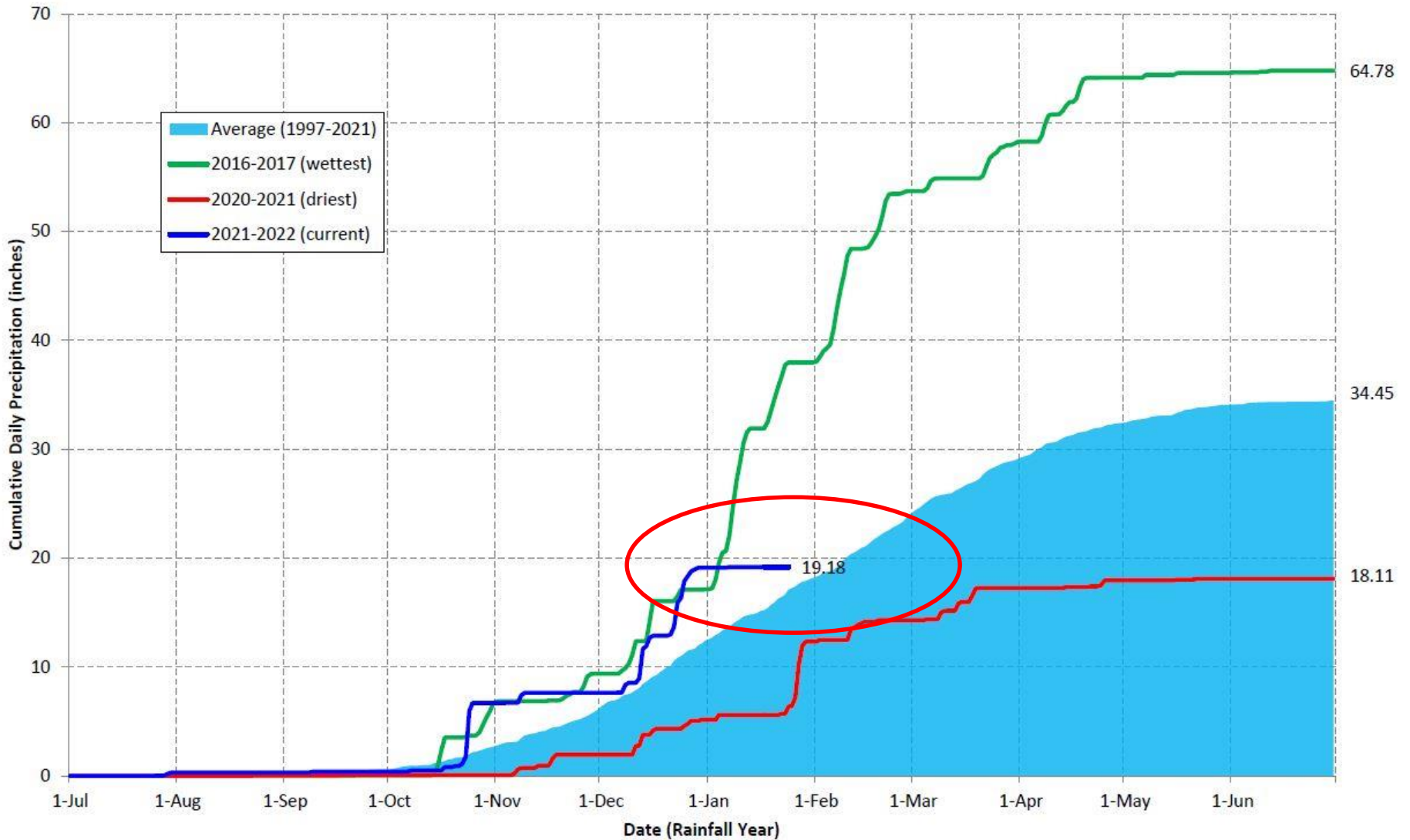
Statewide Average: 58% / 104%

San Joaquin Precipitation: 5-Station Index, January 25, 2022



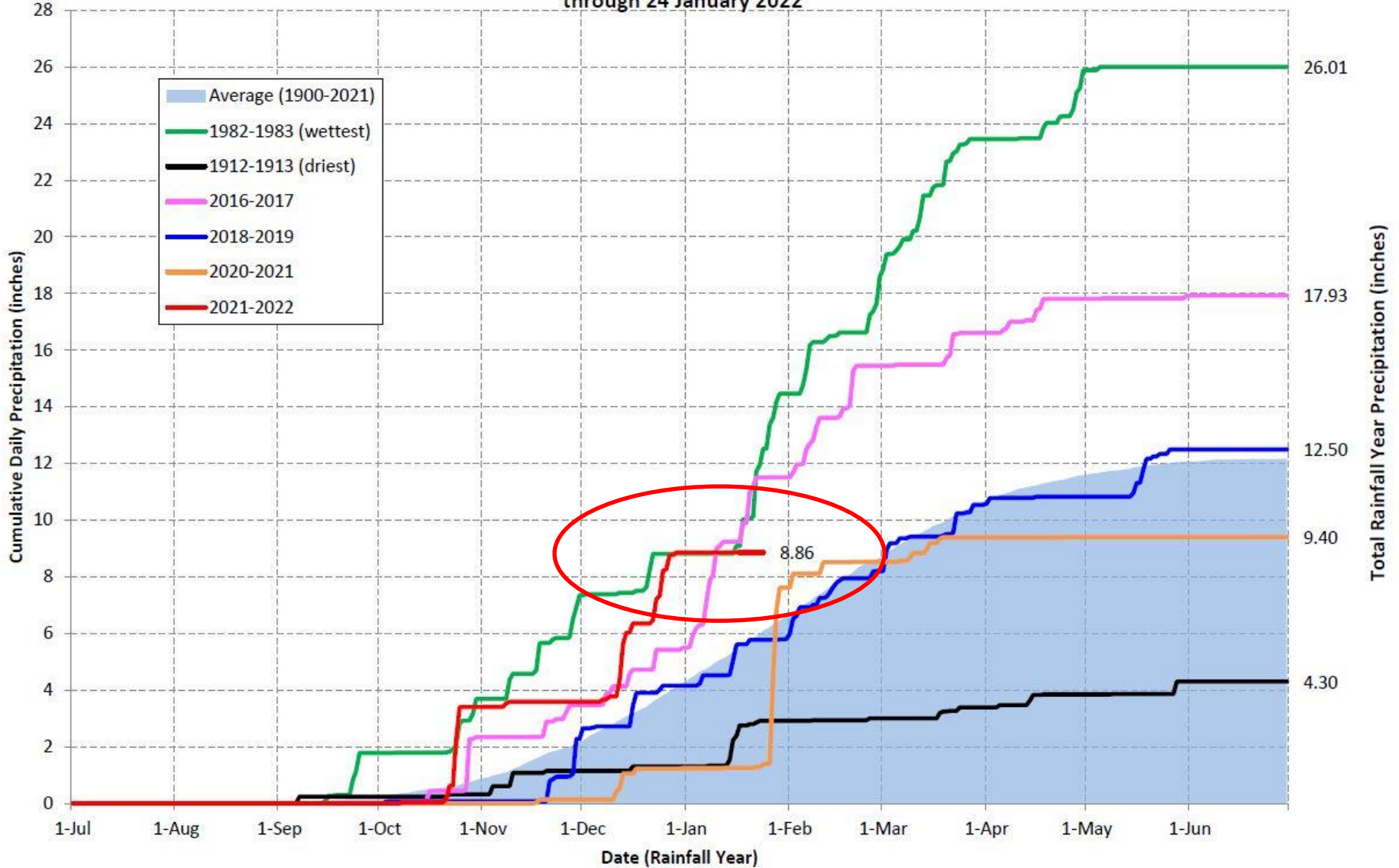
Tuolumne Basin 6-Station Index - Cumulative Daily Precipitation

(Index includes: Hetch Hetchy Reservoir, Cherry Lake, Early Intake Reservoir, Moccasin Reservoir, Sonora, & Yosemite)



Downtown Modesto (Electronic Gauge) Cumulative Daily Precipitation

through 24 January 2022



Precipitation Forecasts

Precipitation (in)
during the period:

Tue, 25 JAN 2022 at 12Z

-to-

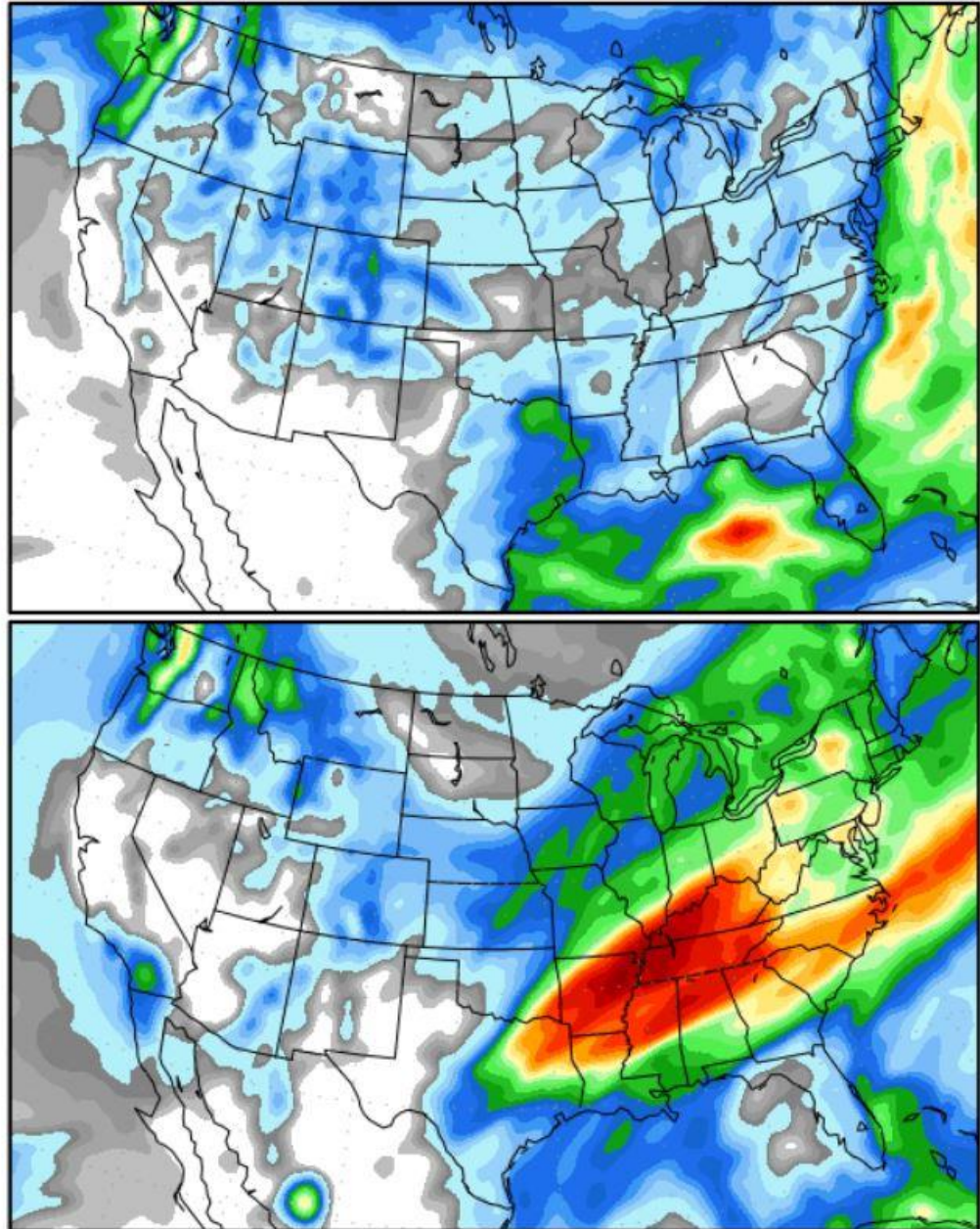
Wed, 02 FEB 2022 at 12Z

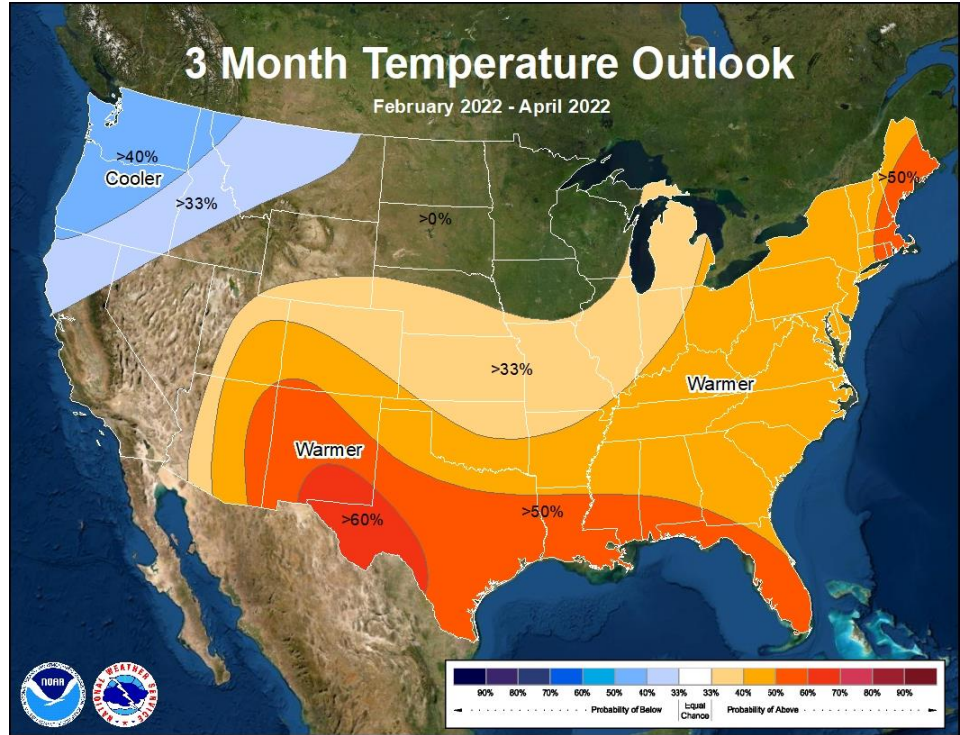
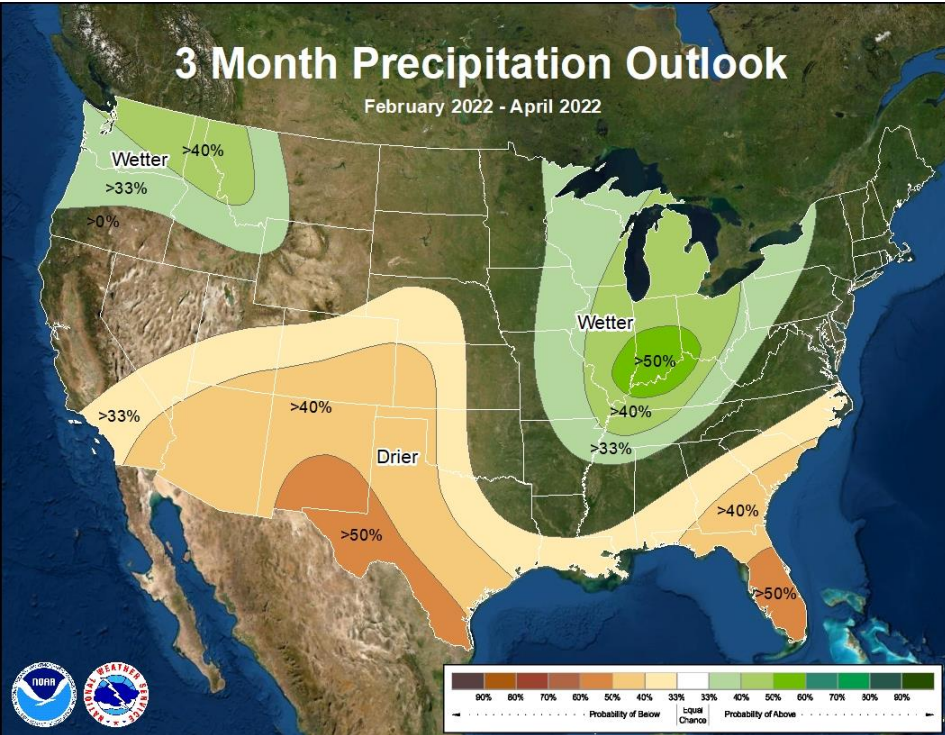


Wed, 02 FEB 2022 at 12Z

-to-

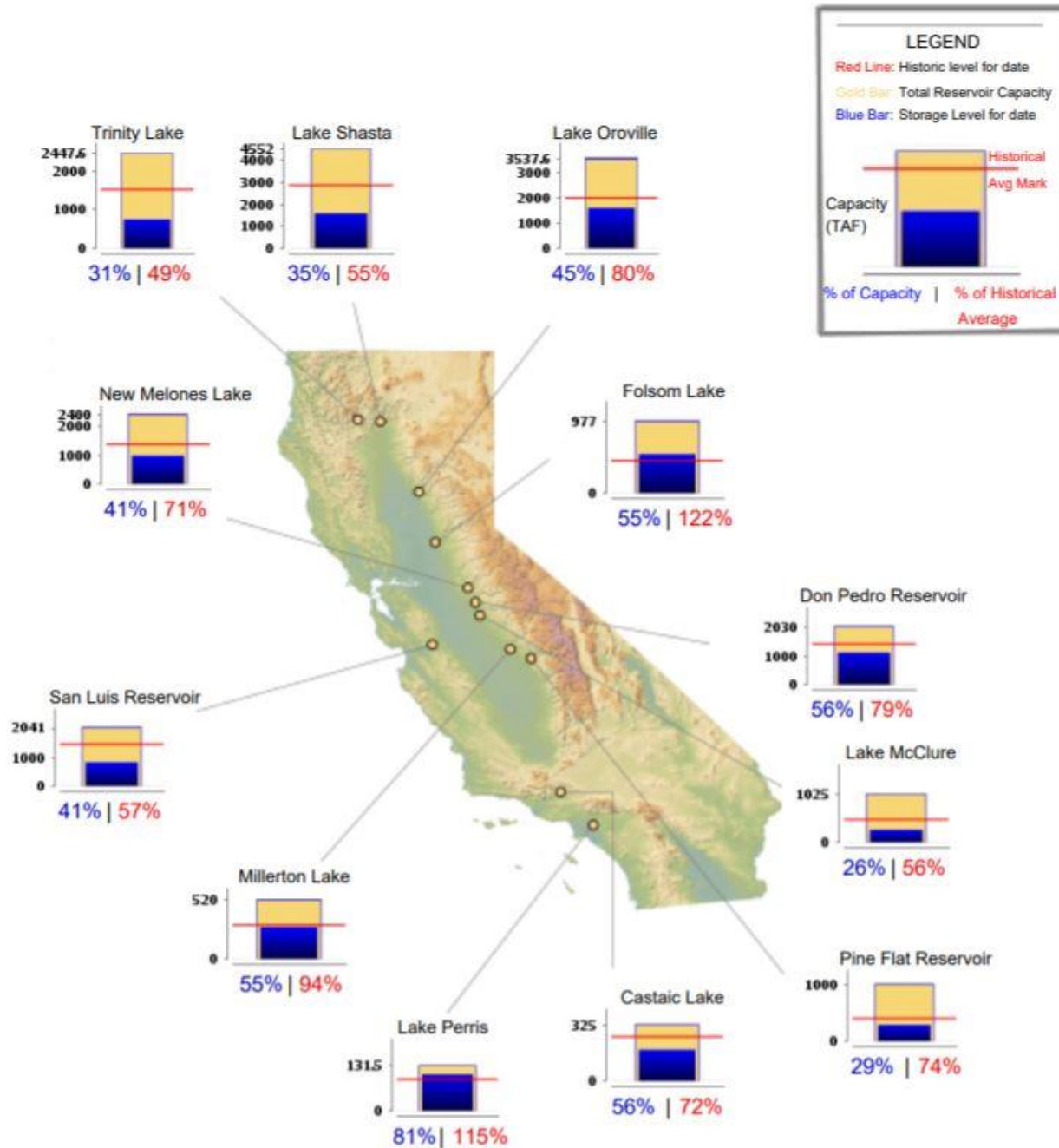
Thu, 10 FEB 2022 at 12Z



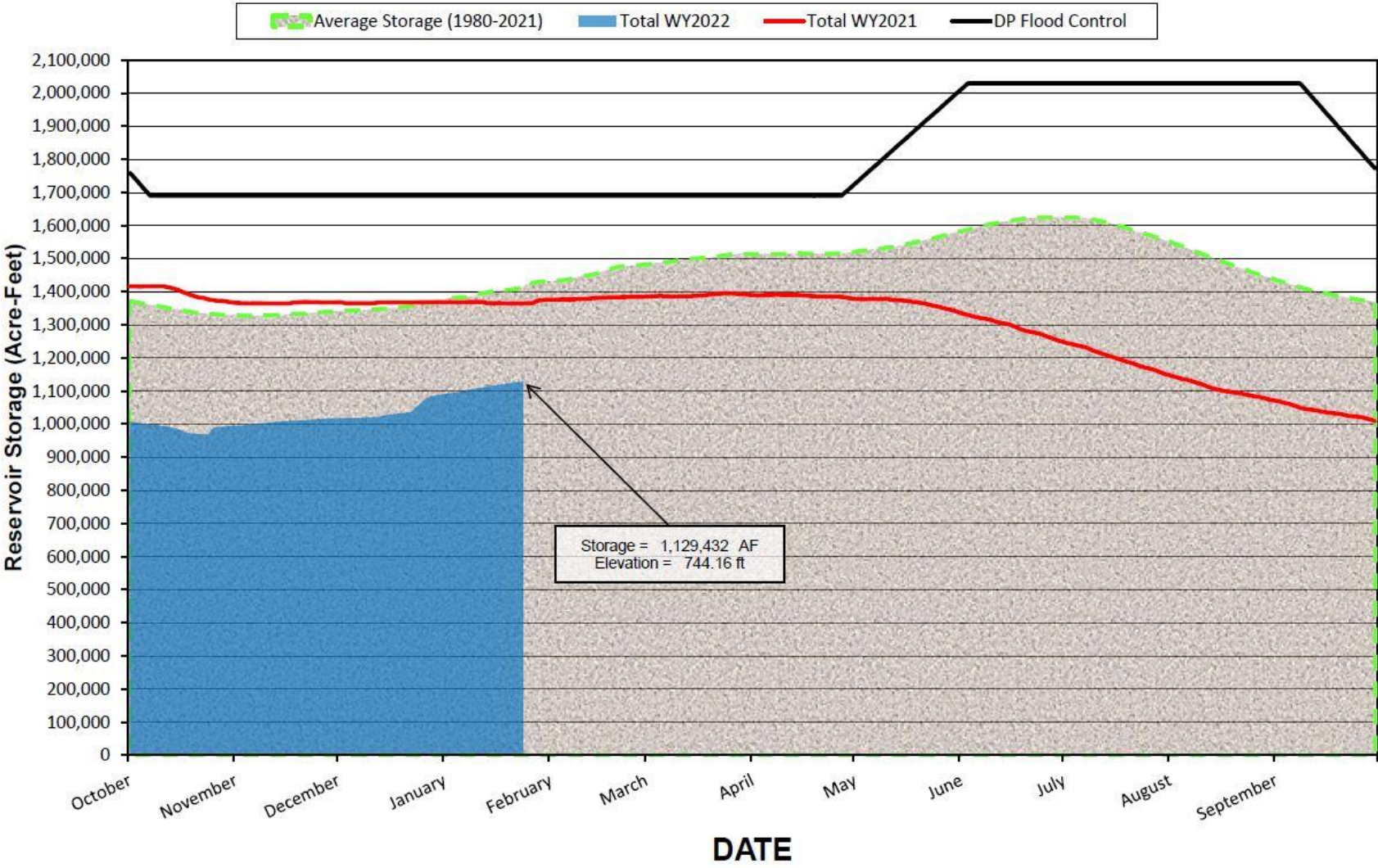


SELECTED WATER SUPPLY RESERVOIRS

Midnight: January 24, 2022



Don Pedro Storage



Storage = 1,129,432 AF
Elevation = 744.16 ft

Misc. Activities

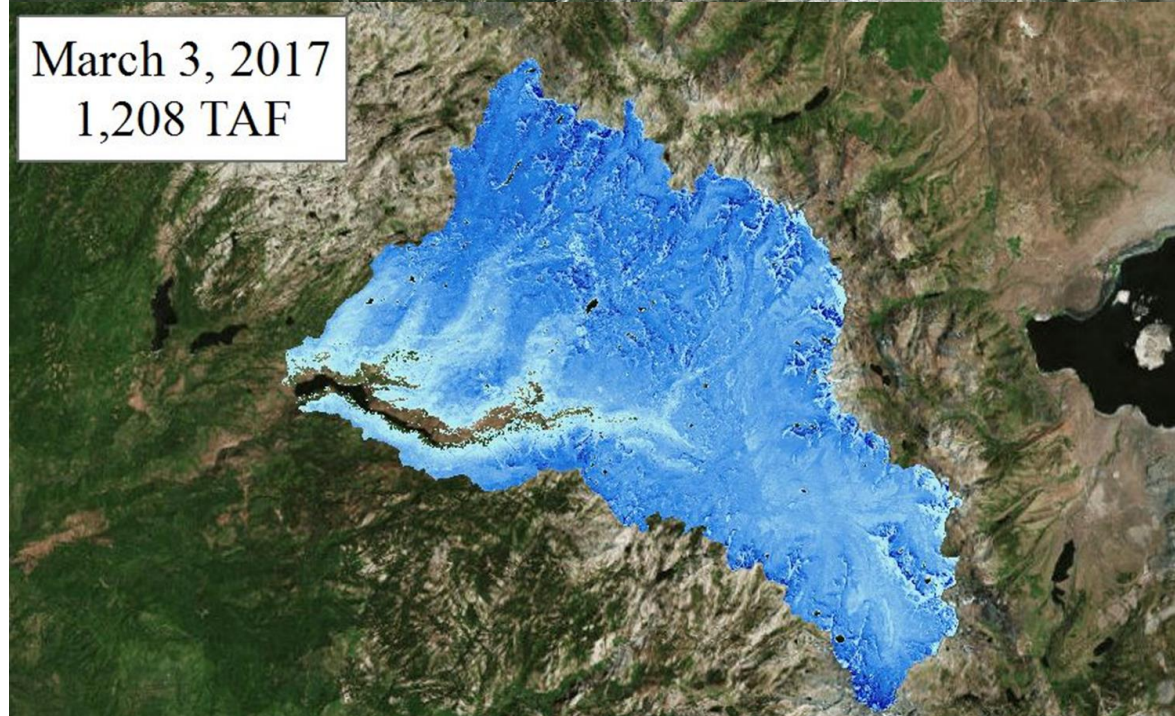
- Airborne Snow Observatory
- Cloud Seeding

**ASO
Snow
Off**

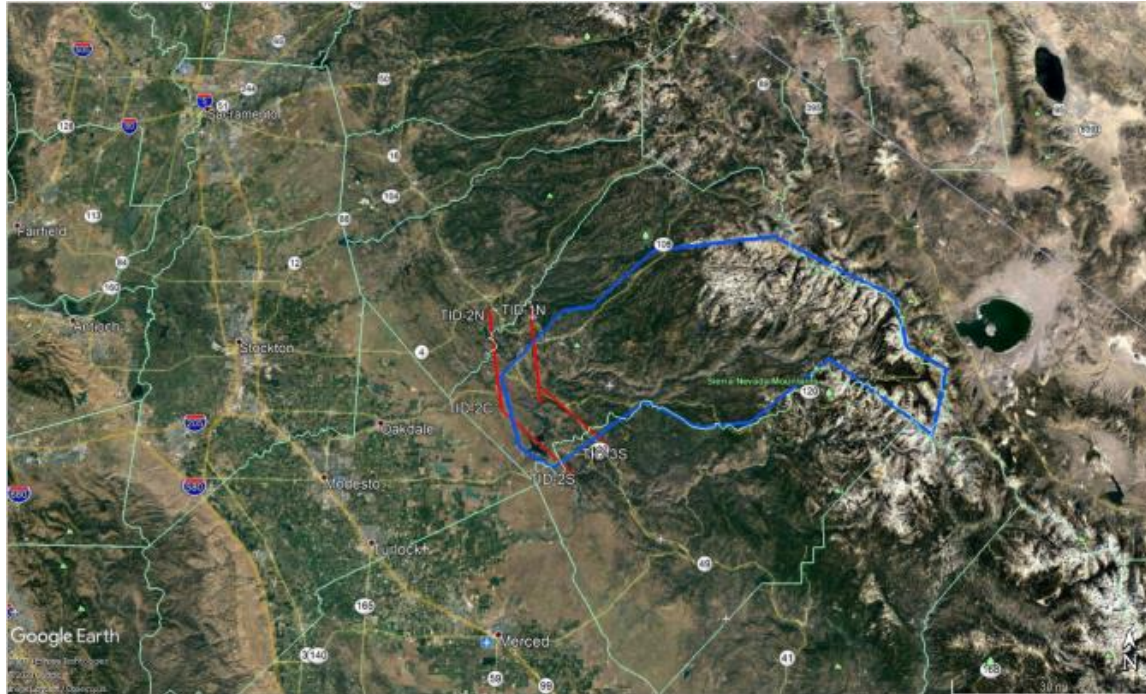


March 3, 2017
1,208 TAF

**ASO
Snow
On**



Cloud Seeding Program





Questions?