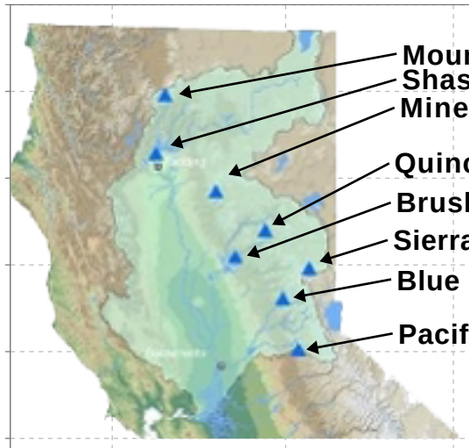
Northern Sierra Precipitation: 8-Station Index, January 02, 2022



Percent of Average for this Date: 161%

2016-2017 Daily Precip (wettest) 94.7

1982-1983 Daily Precip (2nd wettest) 88.5

2018 - 2019 Daily Precip 70.7

Average (1991-2020) 53.2

2019 - 2020 Daily Precip 31.7

Current: 30.2

2020-2021 Daily Precip (3rd driest) 24.0

1976-1977 (2nd driest) 19.0

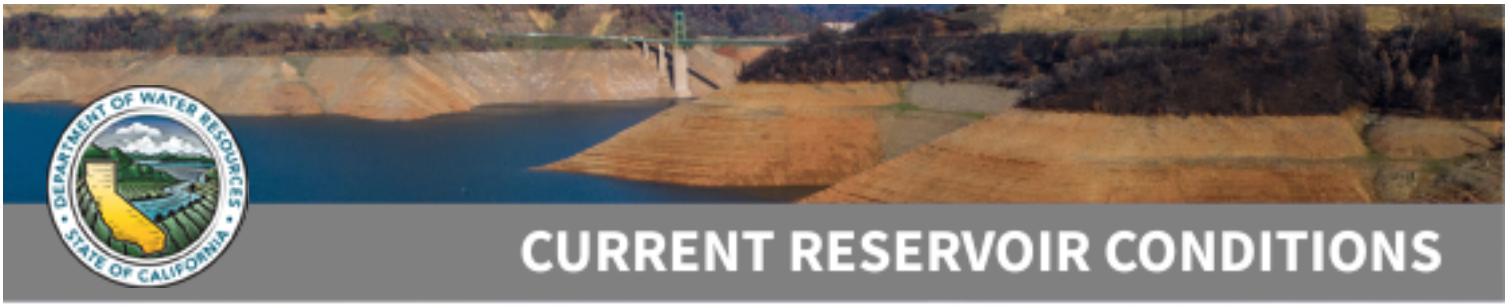
Cumulative Daily/Monthly Precipitation (inches)

Total Water Year Precipitation

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

Oct 1 Nov 1 Dec 1 Jan 1 Feb 1 Mar 1 Apr 1 May 1 Jun 1 Jul 1 Aug 1 Sep 1 Oct 1

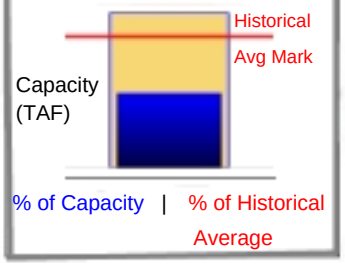
Water Year (October 1 - September 30)



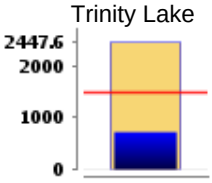
SELECTED WATER SUPPLY RESERVOIRS

Midnight: January 2, 2022

LEGEND
Red Line: Historic level for date
Gold Bar: Total Reservoir Capacity
Blue Bar: Storage Level for date

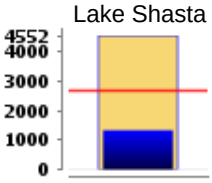


Trinity Lake



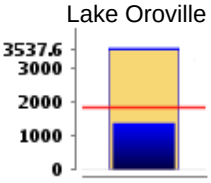
29% | 49%

Lake Shasta



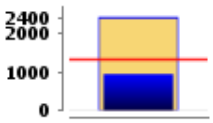
29% | 50%

Lake Oroville



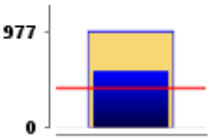
39% | 74%

New Melones Lake



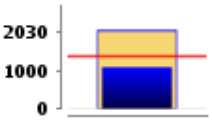
39% | 71%

Folsom Lake



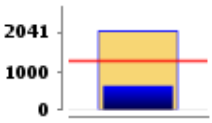
60% | 145%

Don Pedro Reservoir



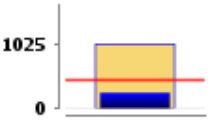
54% | 79%

San Luis Reservoir



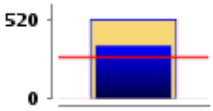
31% | 49%

Lake McClure



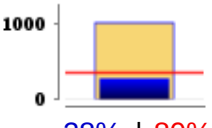
24% | 56%

Millerton Lake



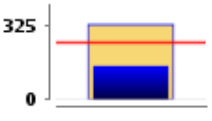
68% | 129%

Pine Flat Reservoir



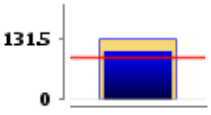
28% | 80%

Castaic Lake



45% | 59%

Lake Perris



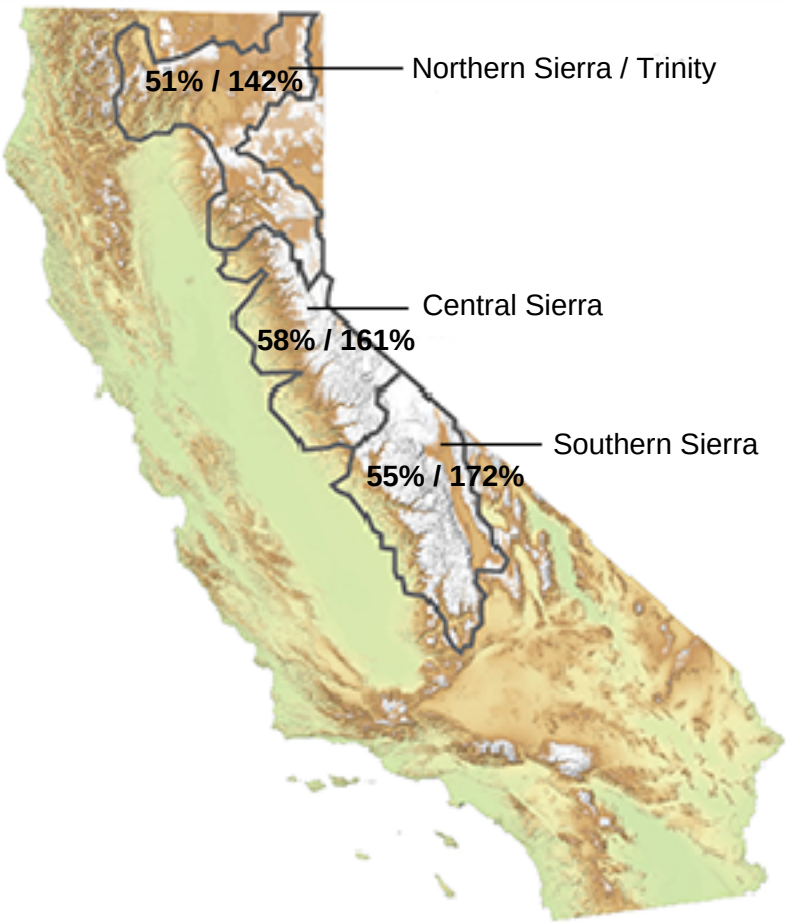
81% | 116%

Updated 01/03/2022 08:18 AM

STATEWIDE SNOW WATER CONTENT

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



NORTH	
Data as of December 31, 2021	
Number of Stations Reporting	29
Average snow water equivalent (Inches)	14.7
Percent of April 1 Average (%)	51
Percent of normal for this date (%)	142

CENTRAL	
Data as of December 31, 2021	
Number of Stations Reporting	41
Average snow water equivalent (Inches)	16.8
Percent of April 1 Average (%)	58
Percent of normal for this date (%)	161

SOUTH	
Data as of December 31, 2021	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	14.0
Percent of April 1 Average (%)	55
Percent of normal for this date (%)	172

STATE	
Data as of December 31, 2021	
Number of Stations Reporting	100
Average snow water equivalent (Inches)	15.3
Percent of April 1 Average (%)	55
Percent of normal for this date (%)	157

Statewide Average: 55% / 157%

Data as of December 31, 2021

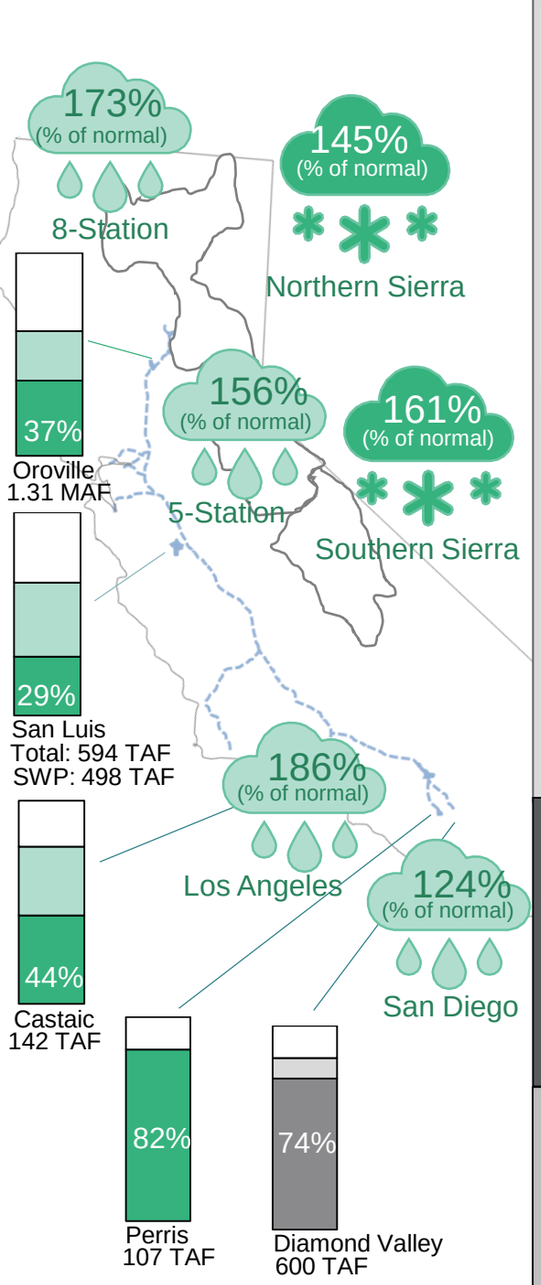
WATER SUPPLY CONDITIONS REPORT

Water Year 2021-2022

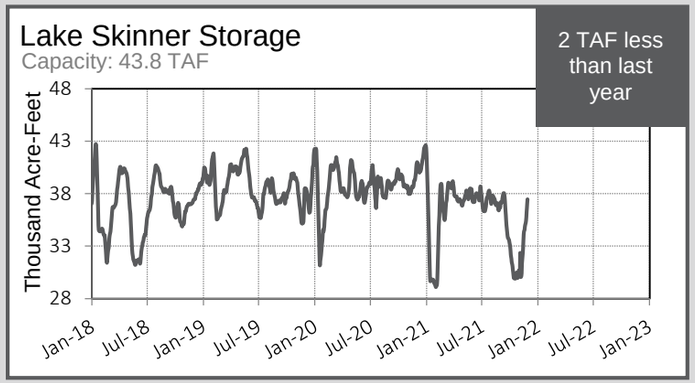
As of: December 27, 2021

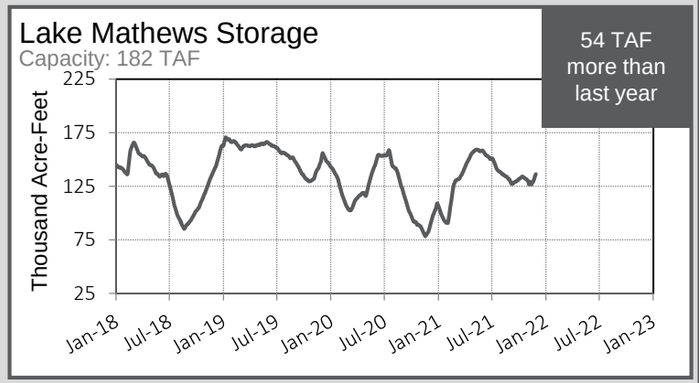
State Water Project Resources

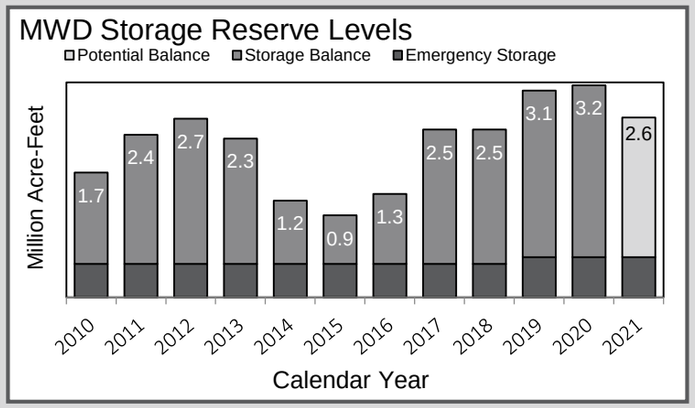
SWP Table A – 5% - 95,575 AF

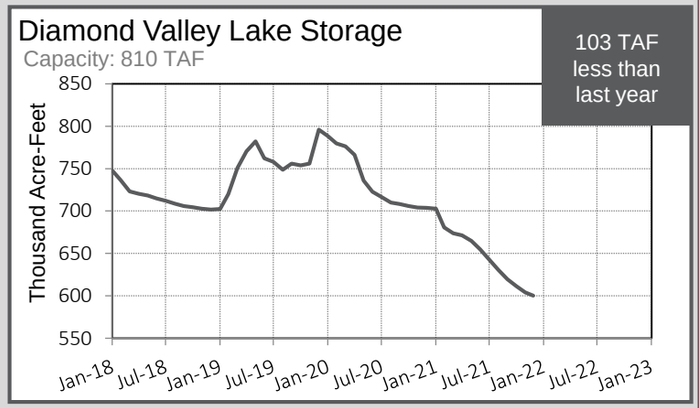


Metropolitan Resources







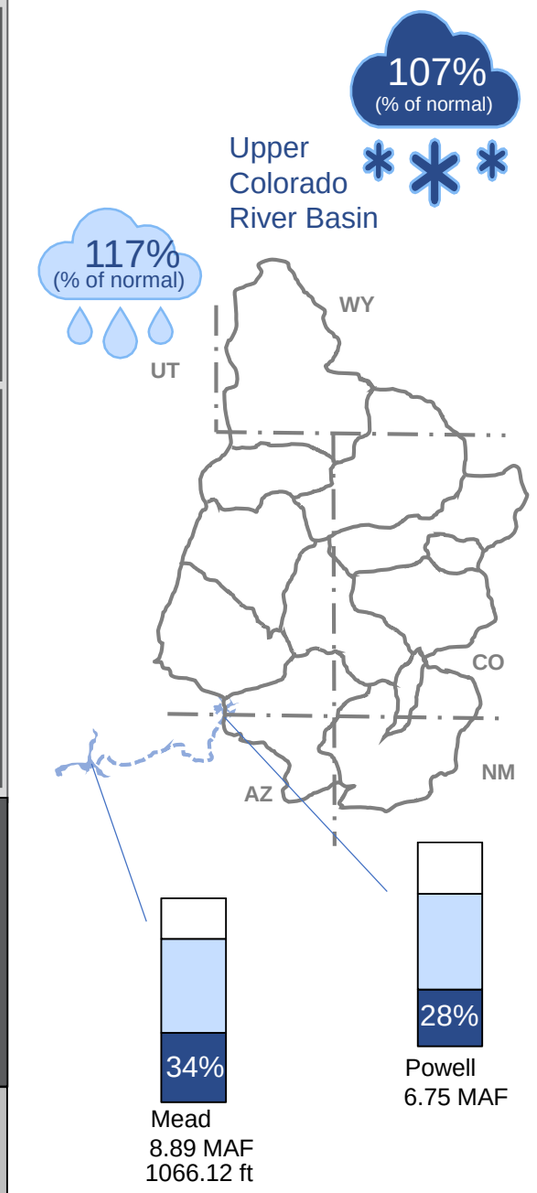


Highlights

- Snow water equivalent in the Sierra (statewide) is at 49% of April 1 average and 153% of normal for this date
- Precipitation in the 8 Station and 5 Station is higher than the total for water year 2020-2021
- Precipitation in the Upper Colorado River Basin is tracking the water year 2016-2017

Colorado River Resources

Projected CRA Diversions – 1,076,000 AF

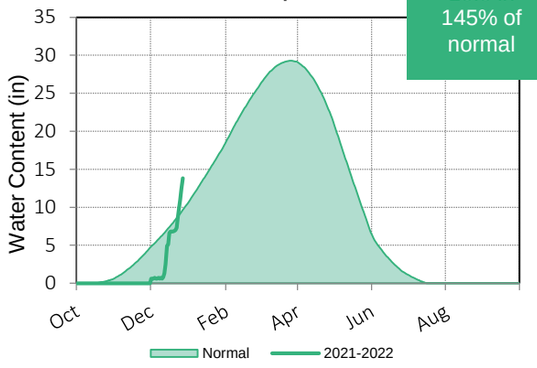


State Water Project Resources

As of: 12/27/2021

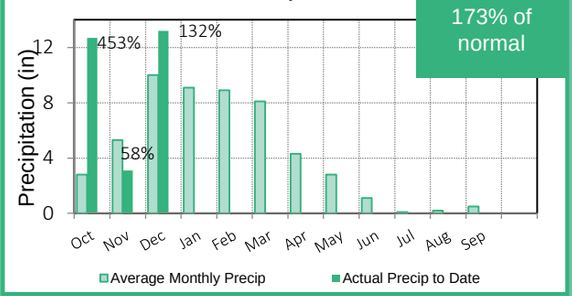
Northern Sierra Snowpack

13.8 in
145% of
normal



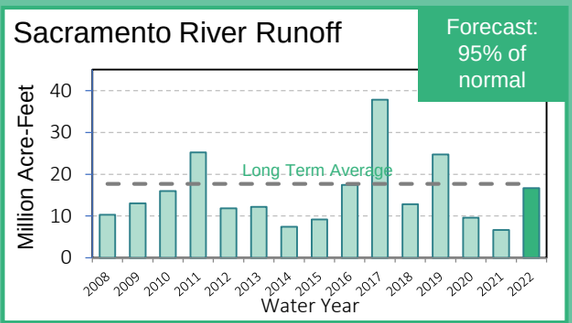
8 Station Index Precipitation

29.0 in
173% of
normal



Sacramento River Runoff

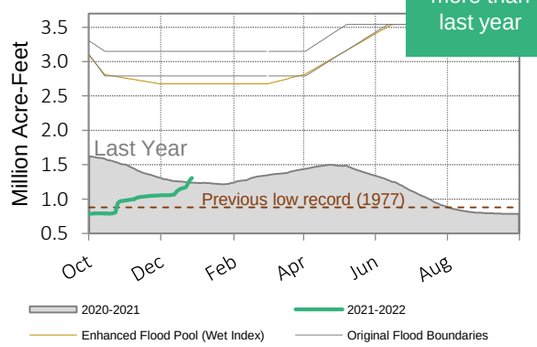
Forecast:
95% of
normal



Oroville Reservoir Storage

Capacity: 3.54 MAF

70 TAF
more than
last year



Other SWP Supplies

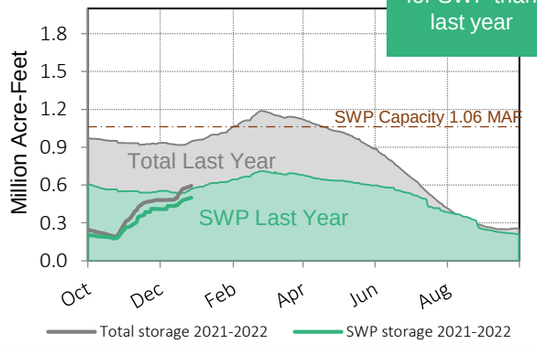
Calendar Year 2021

Carryover	207,000 AF
Transfer	30,000 AF (Est.)

San Luis Reservoir Storage

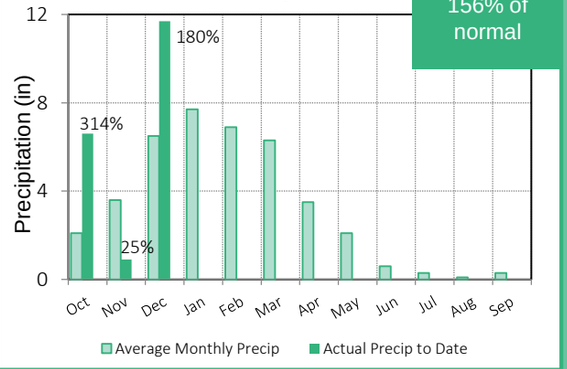
Capacity: 2.04 MAF

69 TAF less
for SWP than
last year



5 Station Index Precipitation

19.2 in
156% of
normal

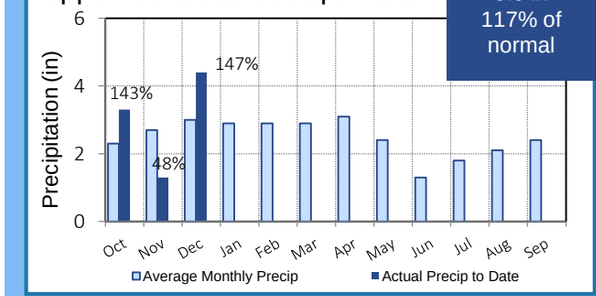


Colorado River Resources

As of: 12/27/2021

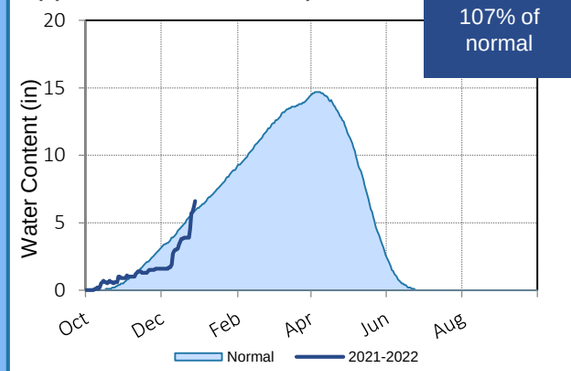
Upper Colorado Precipitation

9.0 in
117% of
normal



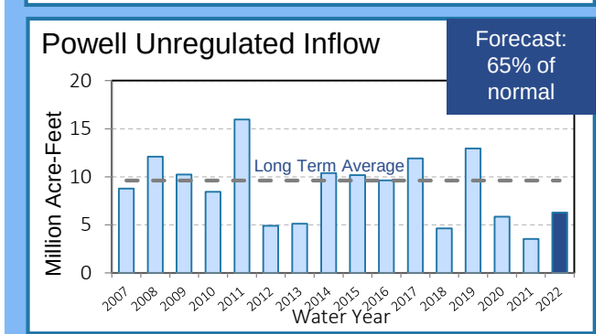
Upper Colorado Snowpack

6.6 in
107% of
normal



Powell Unregulated Inflow

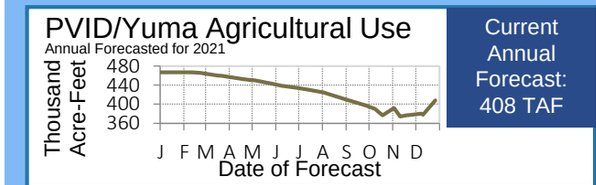
Forecast:
65% of
normal



PVID/Yuma Agricultural Use

Annual Forecasted for 2021

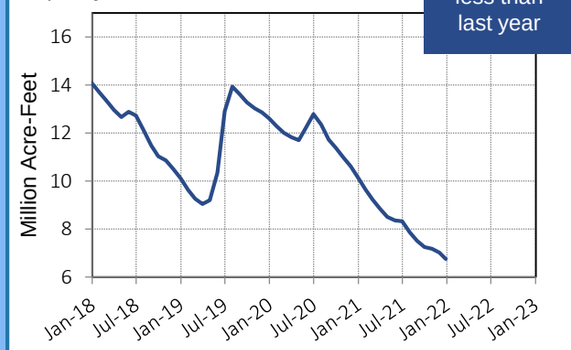
Current
Annual
Forecast:
408 TAF



Lake Powell Storage

Capacity: 24.3 MAF

3.45 MAF
less than
last year



Projected Lake Mead ICS

Calendar Year 2021

Put (+) / Take (-)
-1,000 AF

Lake Mead Surplus/Shortage Outlook

	2022	2023	2024	2025	2026
Surplus	0%	0%	0%	0%	0%
Shortage	100%	94%	97%	100%	91%
Metropolitan DCP*		3% 180 TAF	66% 259 TAF	72% 282 TAF	63% 308 TAF

Likelihood based on results from the corrected August 2021 CRMMS in Ensemble Mode/CRSS model run. Includes DCP Contributions.

* Chance of required DCP contribution by Metropolitan with average contribution when needed

Lake Mead Storage

Capacity: 26.1 MAF

1.41 MAF
less than
last year