



WATER SUPPLY CONDITIONS REPORT

<https://www.mwdh2o.com/WSCR>

Produced by the Water Resource Management Group

Questions? Email info@metwater.com

Water Year
2021-2022

State Water Project Resources

DEC 2021

- Initial SWP allocation is 0% Table A

JAN 2022

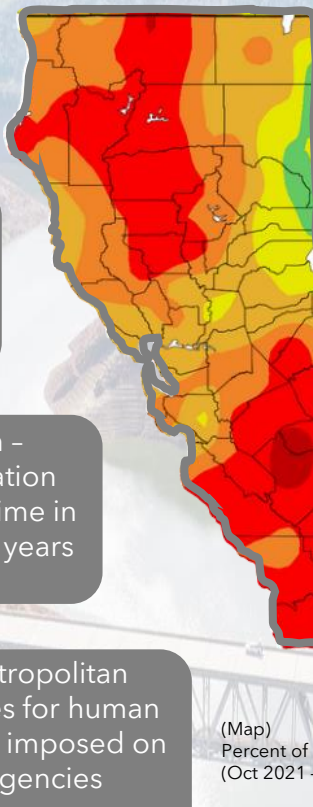
- Record precipitation in Oct and Dec 2021 => Increased SWP allocation to 15%

MAR 2022

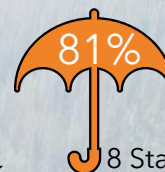
- Record breaking dry Jan - Mar 2022 => SWP allocation decreased to 5%. First time in history: two consecutive years with 5% SWP allocation

JUN 2022

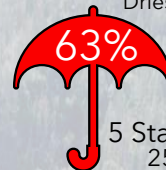
- First time in history: Metropolitan takes delivery of supplies for human health and safety. Limits imposed on Metropolitan member agencies dependent on the SWP



Northern Sierra Peak
January 17, 2022



8 Station
43.0 in
Driest Jan-Mar since 1920

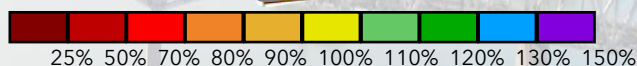


5 Station
25.3 in
Driest Jan-Sep since 1920

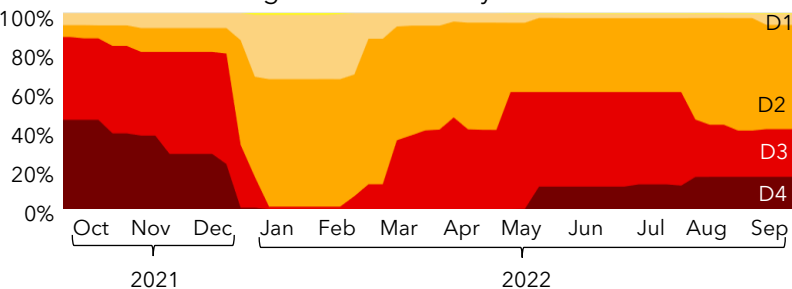


Southern Sierra Peak
March 11, 2022

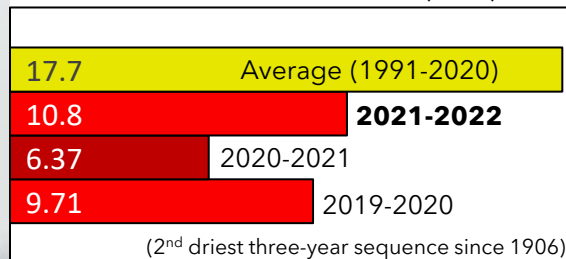
(Map)
Percent of normal precipitation
(Oct 2021 - Sep 2022)



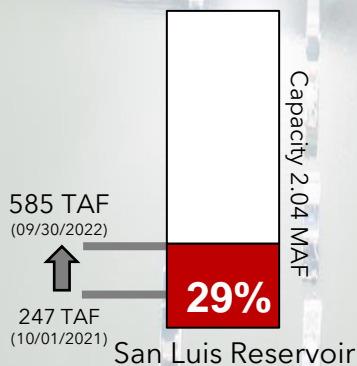
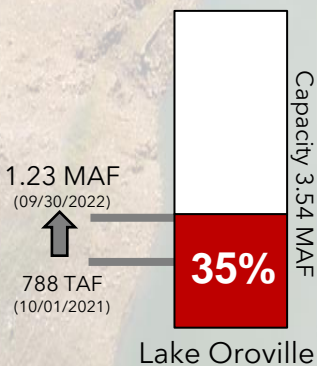
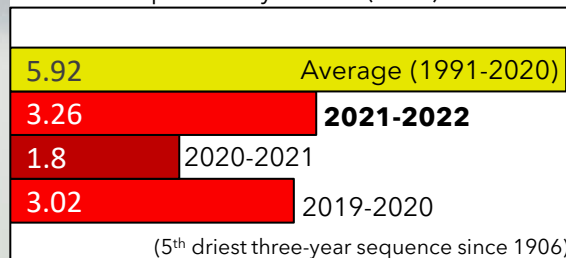
Drought in California by Percent Area



Sacramento River Index Runoff (MAF)



San Joaquin Valley Runoff (MAF)



All stats are preliminary and may be subjected to change.



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Water Year
2021-2022

Colorado River Resources

MAY 2022

- Releases from Glen Canyon Dam reduced from 7.48 MAF to 7.0 MAF to protect critical minimum power pool in Lake Powell

JUN 2022

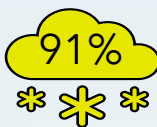
- Reclamation commissioner announced intention to protect critical elevations at Lake Powell and Lake Mead

JUL 2022

- Reclamation held meeting to solicit input from stakeholders that could be incorporated into the NEPA process for post-2026 operating guidelines

AUG 2022

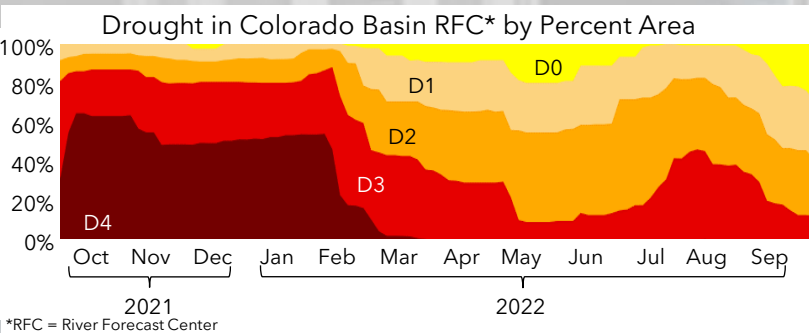
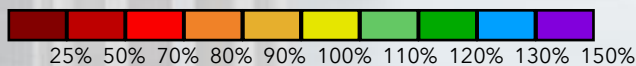
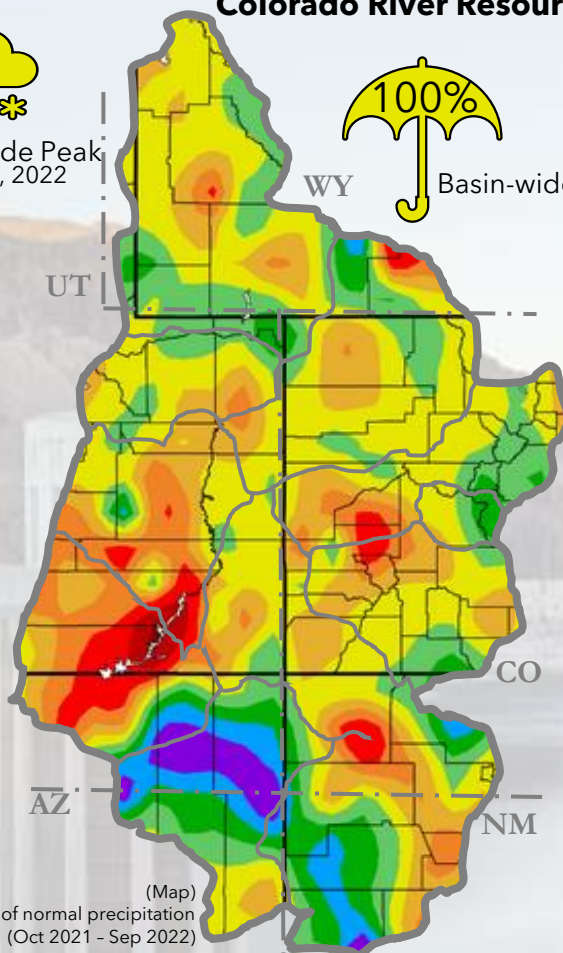
- Reclamation sets the operating conditions for 2023, indicating Level 2a shortage with cuts for Arizona, Nevada and Mexico



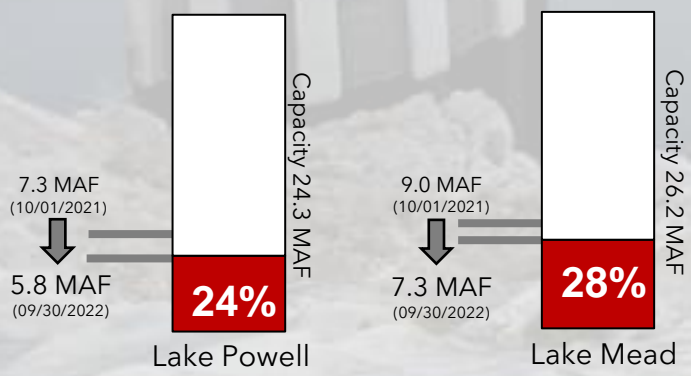
Basin-wide Peak
March 18, 2022



Basin-wide



Powell Unregulated Inflow (MAF)	
9.6	Average (1991-2020)
6.09	2021-2022
3.52	2020-2021
5.85	2019-2020



Lake Mead Shortage/Surplus Outlook				
	2023	2024	2025	2026
Surplus	0%	0%	0%	0%
Shortage	100%	93%	100%	93%
Metropolitan DCP*		77% 282 TAF	71% 302 TAF	67% 293 TAF

Likelihood based on results from the August 2022 CRMMS in Ensemble Mode/CRSS model run. Includes DCP Contributions.
* Chance of required DCP contribution by Metropolitan. Volume is average contribution when needed.

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