



WATER SUPPLY CONDITIONS REPORT

<https://www.mwdh2o.com/WSCR>
 Produced by the Water Resource Management Group
 Questions? Email mferreira@mwdh2o.com

Water Year
2022-2023

State Water Project Resources

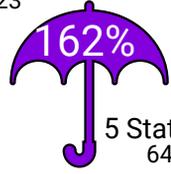
- DEC 2022**
 - Initial SWP allocation is 5% Table A plus human health and safety
- JAN 2023**
 - 9 atmospheric rivers landed between Dec 26 and Jan 17
 - SWP allocation increases to 30%
- FEB 2023**
 - Blizzard warning for southern California – first time since 1989
 - SWP allocation increases to 35%
- MAR 2023**
 - 31 atmospheric rivers reached California from Oct to Mar
 - DWR starts offering Article 21 water
 - SWP allocation increases to 75%
- APR 2023**
 - SWP allocation increases to 100% – first time since 2006
- MAY 2023**
 - DWR uses the Kern River intertie to redirect flood water into the California Aqueduct – first time since 2006
- JUN 2023**
 - DWR ends the Article 21 allocation after 14 weeks – the longest ever



Northern Sierra Peak
 (% April 1 average)
 April 11, 2023



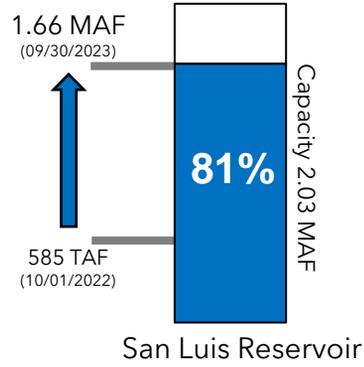
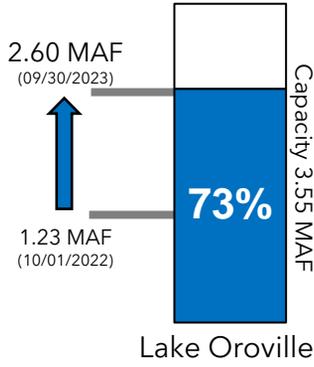
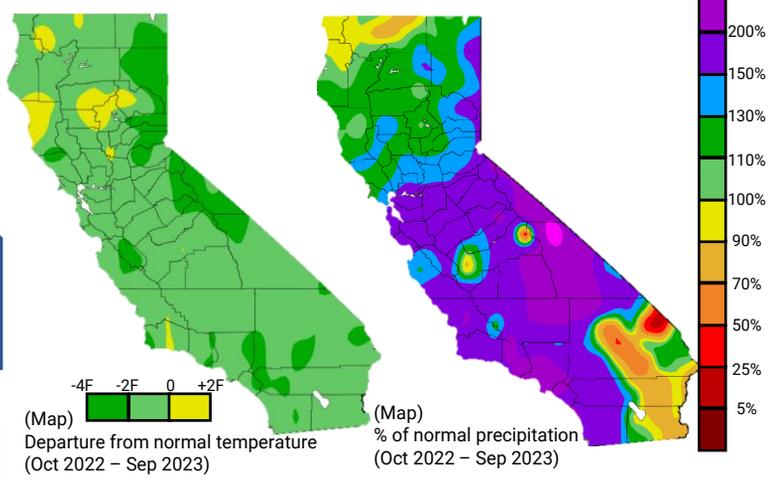
8 Station
 66.6 in



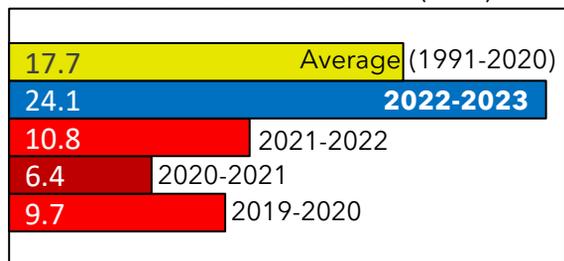
5 Station
 64.5 in



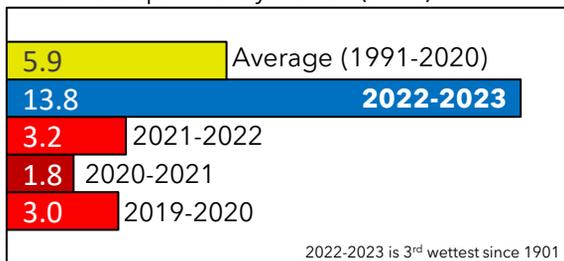
Southern Sierra Peak
 (% April 1 average)
 April 5, 2023



Sacramento River Index Runoff (MAF)



San Joaquin Valley Runoff (MAF)



All stats are preliminary and may be subjected to change.



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Colorado River Resources

FEB 2023

- Lake Powell water levels drop to record lows threatening power production

APR 2023

- Improved hydrologic conditions bump Lake Powell operations to balancing conditions
- Reclamation publishes a draft Supplemental Environmental Impact Statement (SEIS) for reservoir operations between 2023 and 2026

MAY 2023

- Lower Basin states request Reclamation to consider their proposal and the draft SEIS is withdrawn

JUL 2023

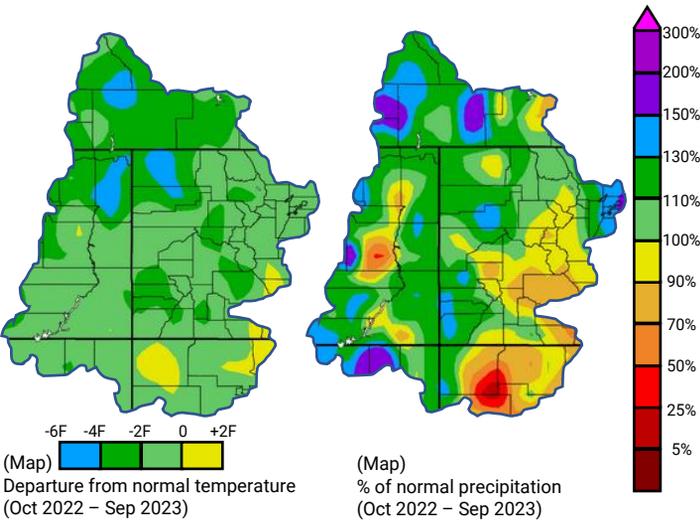
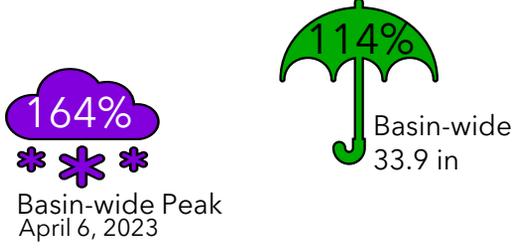
- Warmest month on record for Arizona, with 31 consecutive days of 110F or above in Phoenix
- However, the Upper Colorado River Basin was cooler than normal in water year 2022-2023 (map)

AUG 2023

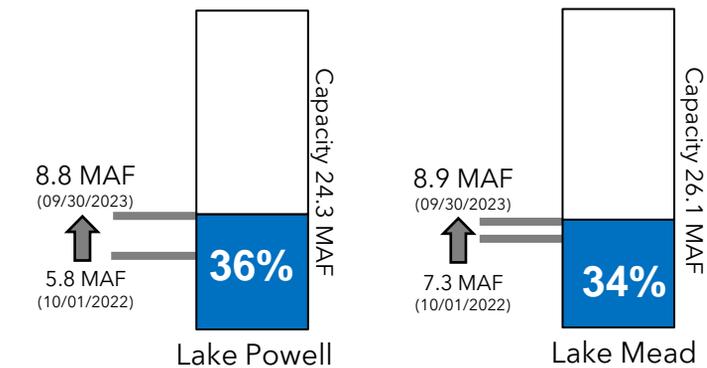
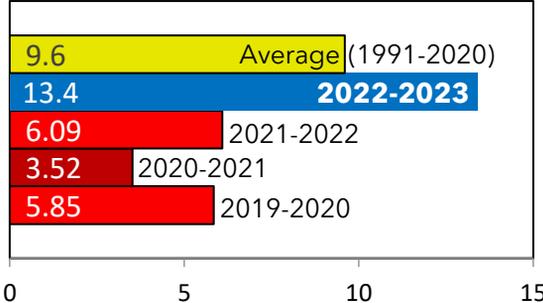
- Hurricane Hilary brings record-breaking rainfall and flooding across parts of the southwest, including the first ever tropical storm watch for southern California
- Reclamation set a Level 1 shortage for Arizona, Nevada and Mexico for calendar year 2024

SEP 2023

- Since October 2022, Lake Powell gained 44 feet while Lake Mead gained 21 feet – enough water to completely fill Lake Oroville plus the State Water Project share of San Luis Reservoir



Powell Unregulated Inflow (MAF)



Lake Mead Shortage/Surplus Outlook

	2024	2025	2026
Surplus	0%	0%	0%
Shortage	100%	93%	77%
Metropolitan DCP*			20% 195 TAF

Likelihood based on results from the August 2023 CRMMS in Ensemble Mode/CRSS model run. Includes DCP Contributions.
 * Chance of required DCP contribution by Metropolitan. Volume is average contribution when needed.