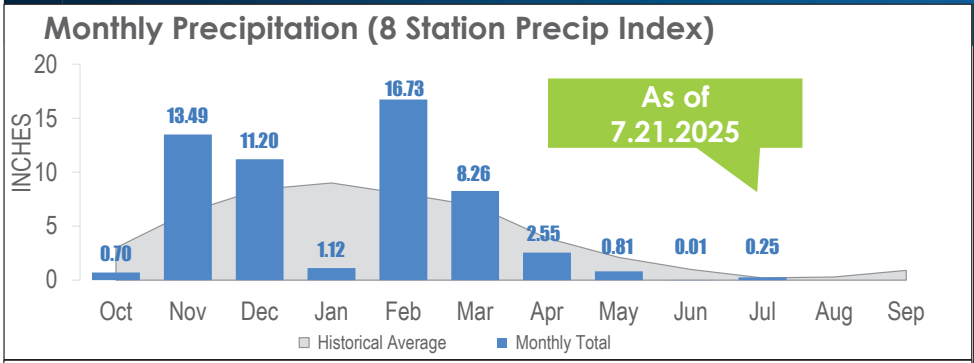
Water Supply Conditions

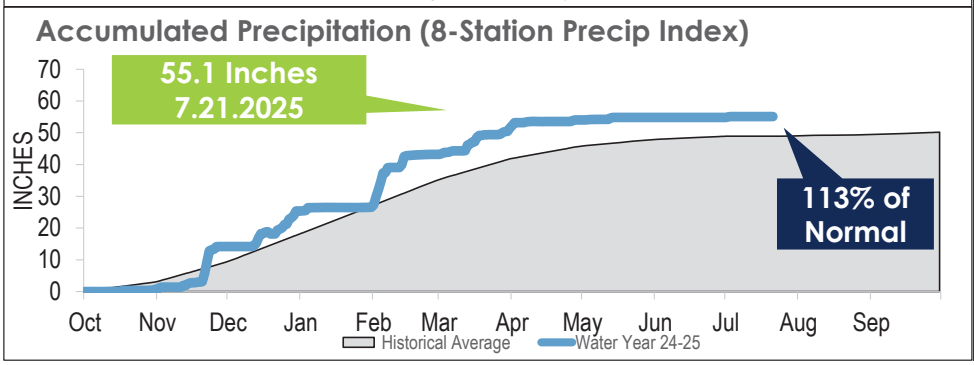
- Kevin Hostert, Senior Water Resources Analyst Municipal Water District of Orange County
- July 23rd 2025

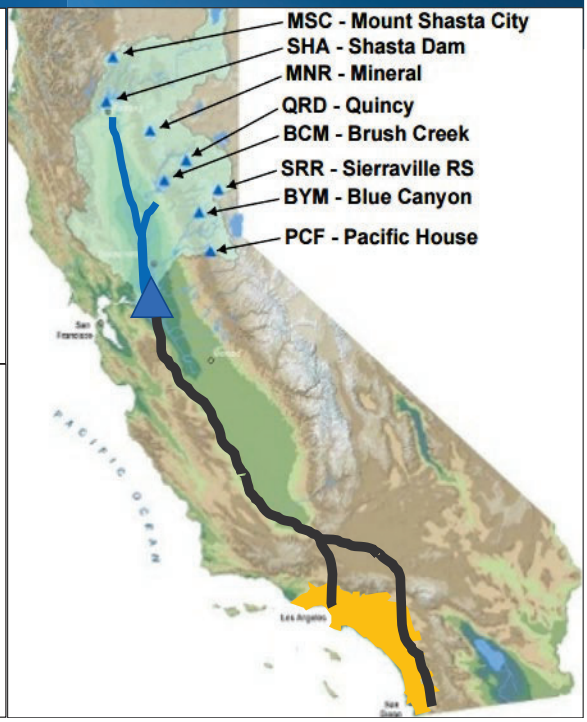




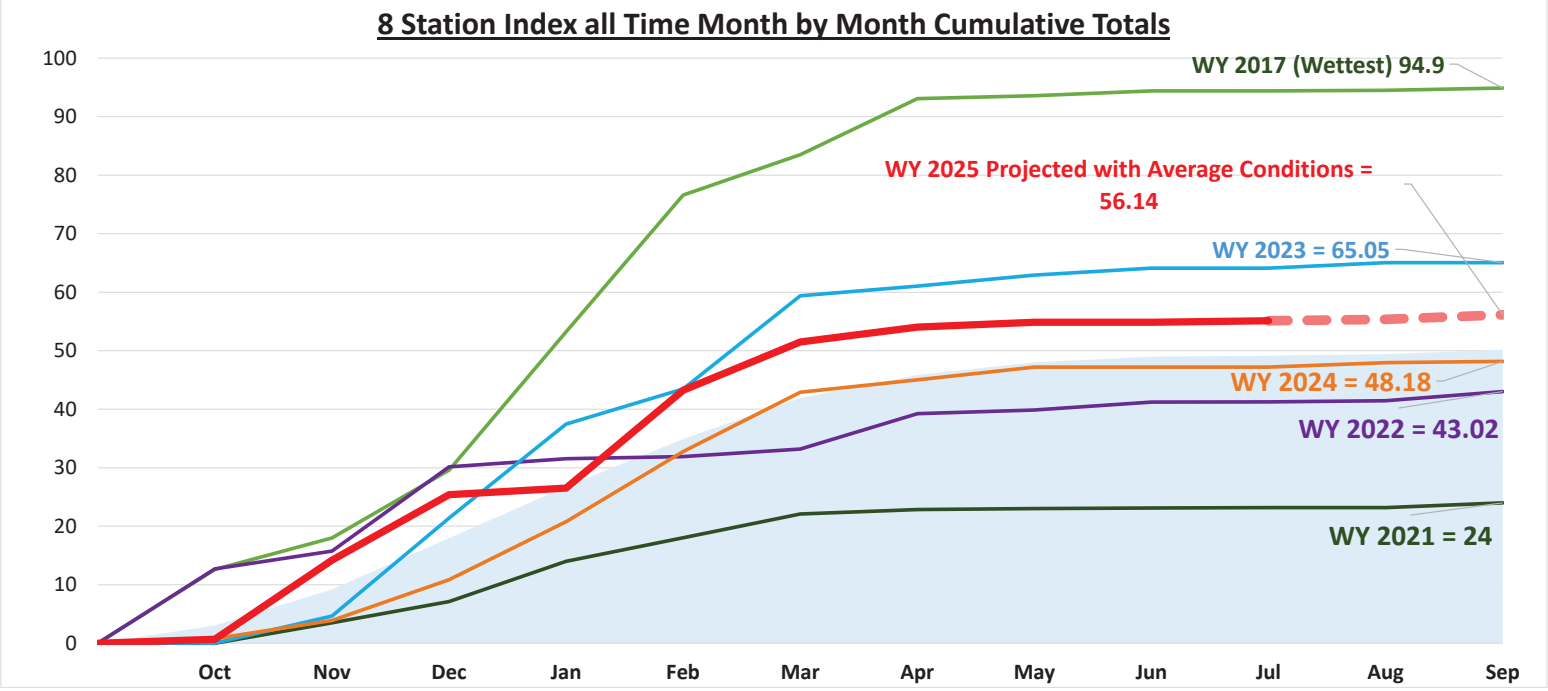
Northern California Accumulated Precipitation WY 2025



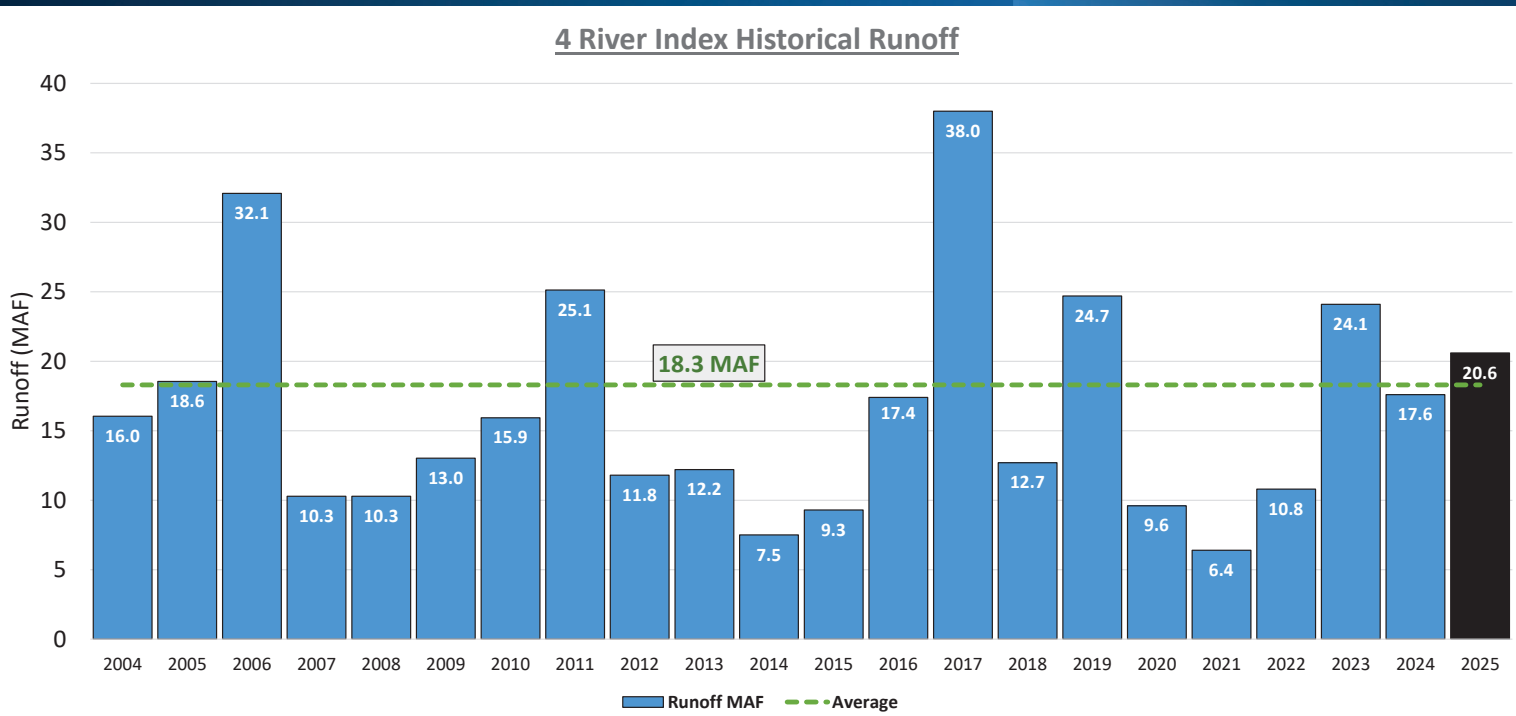




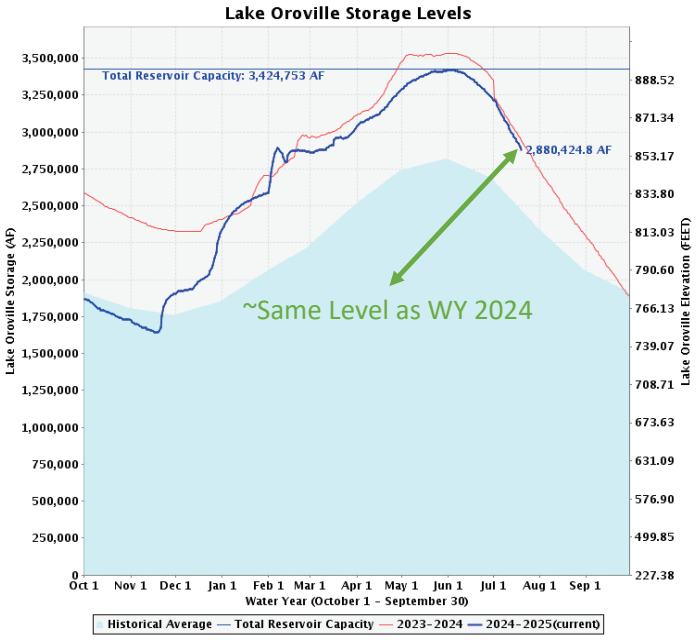
Northern California Accumulated Precipitation WY 2025

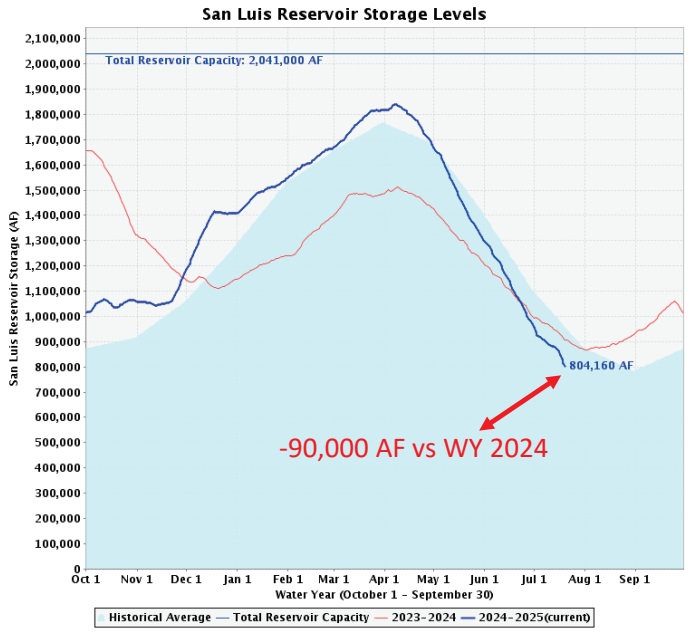


Northern California SWE/ Runoff

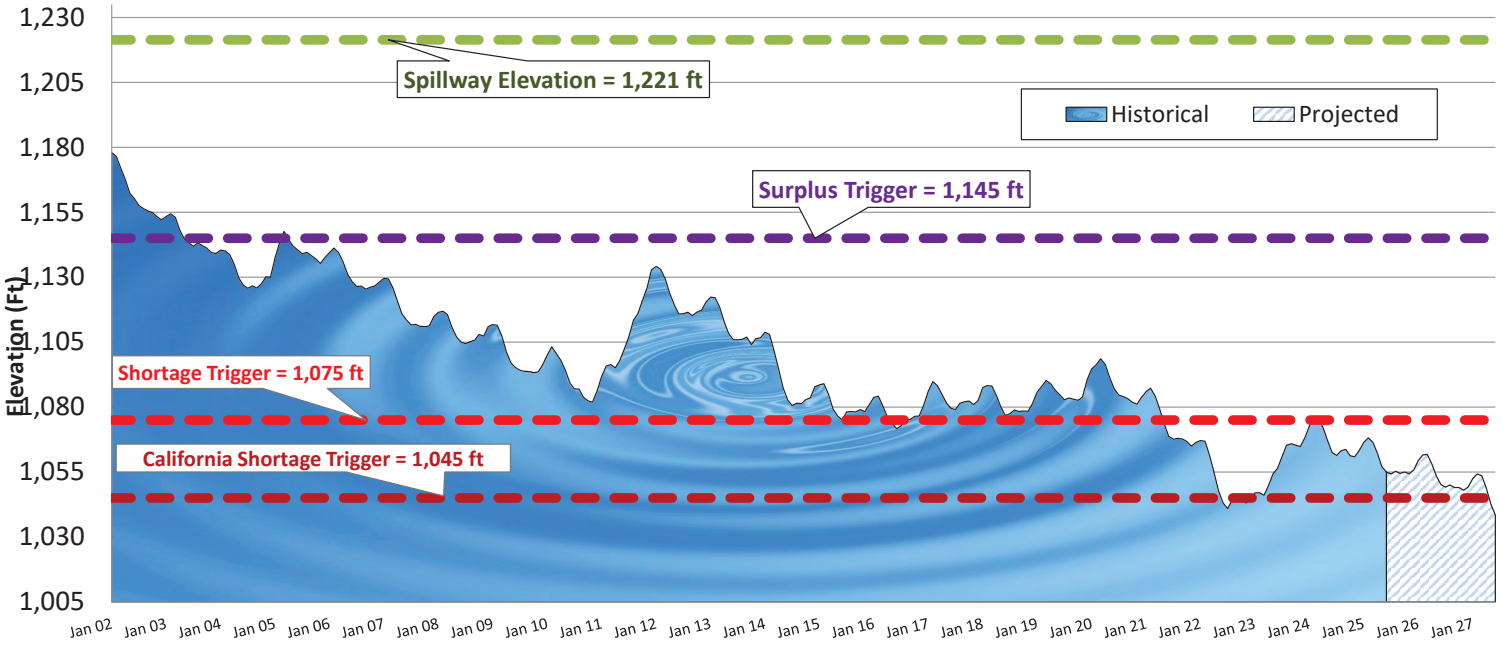


Lake Oroville and San Luis Storage Levels

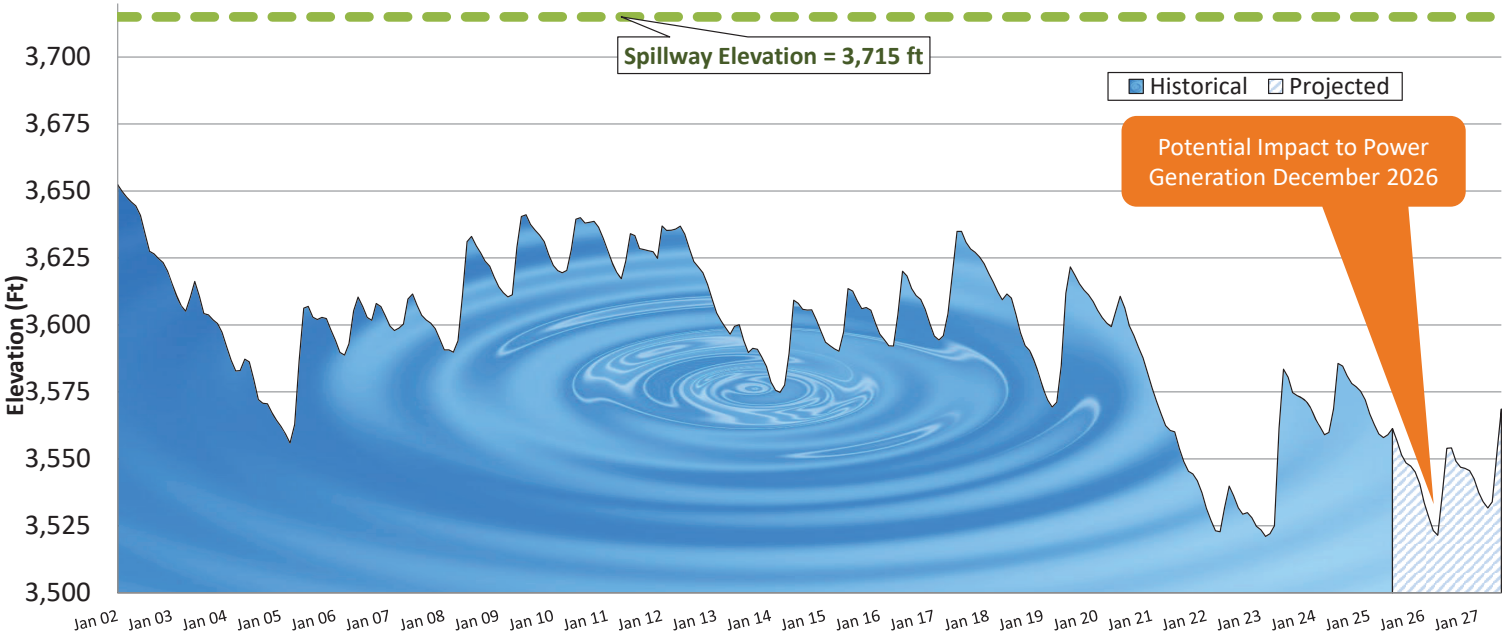




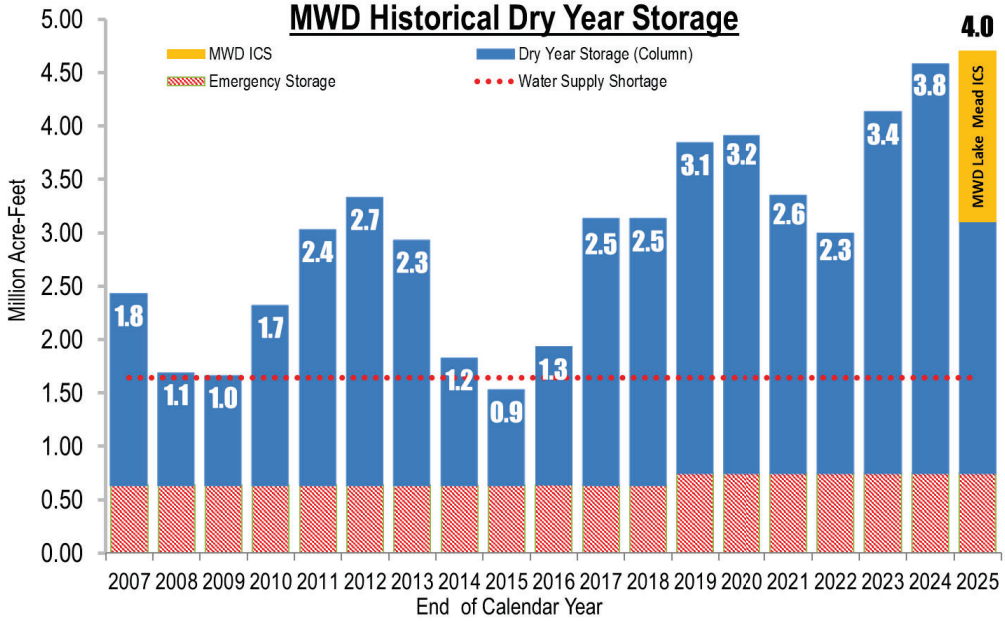
Lake Mead 24 Month Outlook



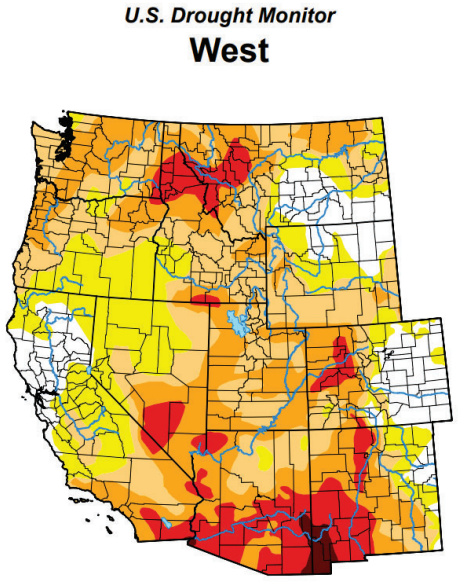
Lake Powell 24 Outlook



MWD Estimated Storage January 1st, 2026



Drought Monitor/ Climate Forecast



July 15, 2025
(Released Thursday, Jul. 17, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	12.35	87.65	67.24	40.24	12.79	0.93
Last Week 07-08-2025	13.92	86.08	64.48	35.12	11.97	0.93
3 Months Ago 04-15-2025	34.54	65.46	49.38	30.54	14.12	1.88
Start of Calendar Year 01-07-2025	32.22	67.78	39.02	20.30	6.87	0.00
Start of Water Year 10-01-2024	20.06	79.94	37.38	9.85	2.47	0.11
One Year Ago 07-16-2024	31.51	68.49	24.14	6.13	1.57	0.04

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

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National Drought Mitigation Center

droughtmonitor.unl.edu

IRI Pacific Niño 3.4 SST Model Outlook

Most models favor ENSO-neutral to prevail through the Northern Hemisphere fall and winter 2025-26.

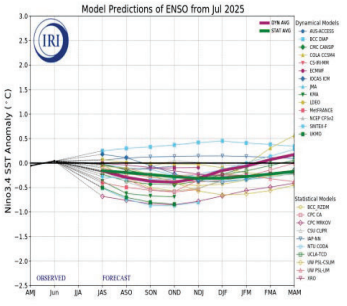

Figure provided by the International Research Institute (IRI) for Climate and Society (updated 18 July 2025).


MWDOC
Questions???