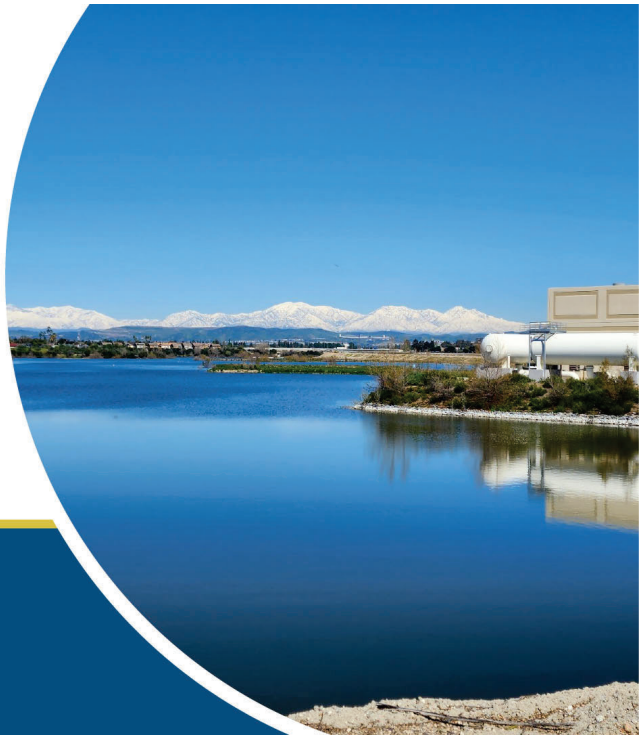
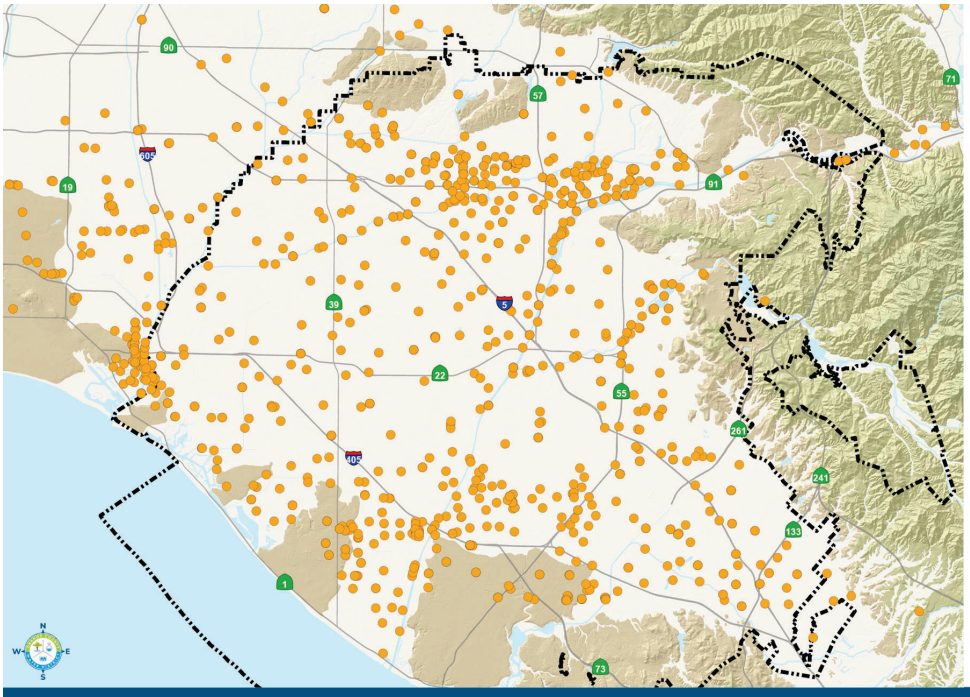
Groundwater Basin Update



Joint Planning Committee
October 22, 2025

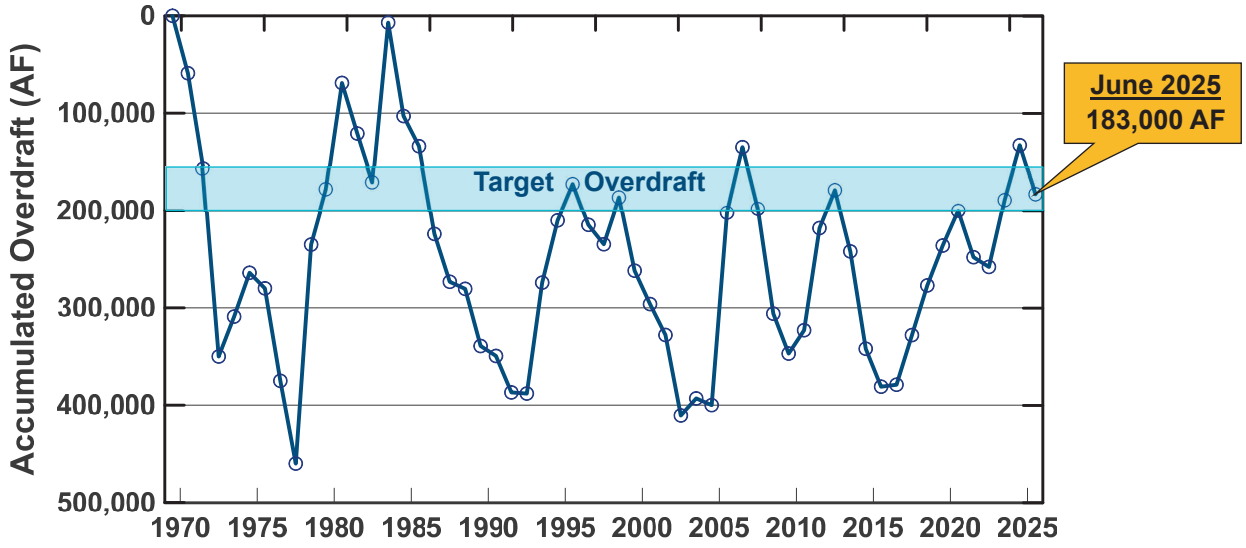


Several hundred water levels used for constructing groundwater contour maps…

Collaboratively measured near June 30:

- OCWD staff
- OC Producers
- LA Producers
- WRD

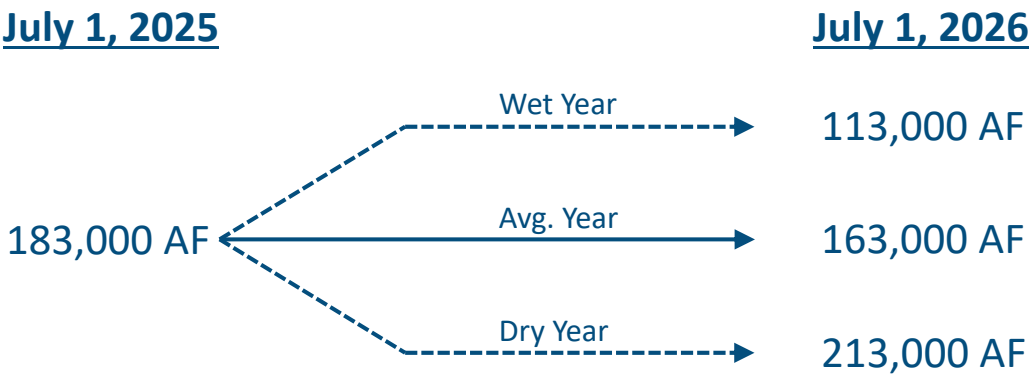
Accumulated Overdraft Since 1969

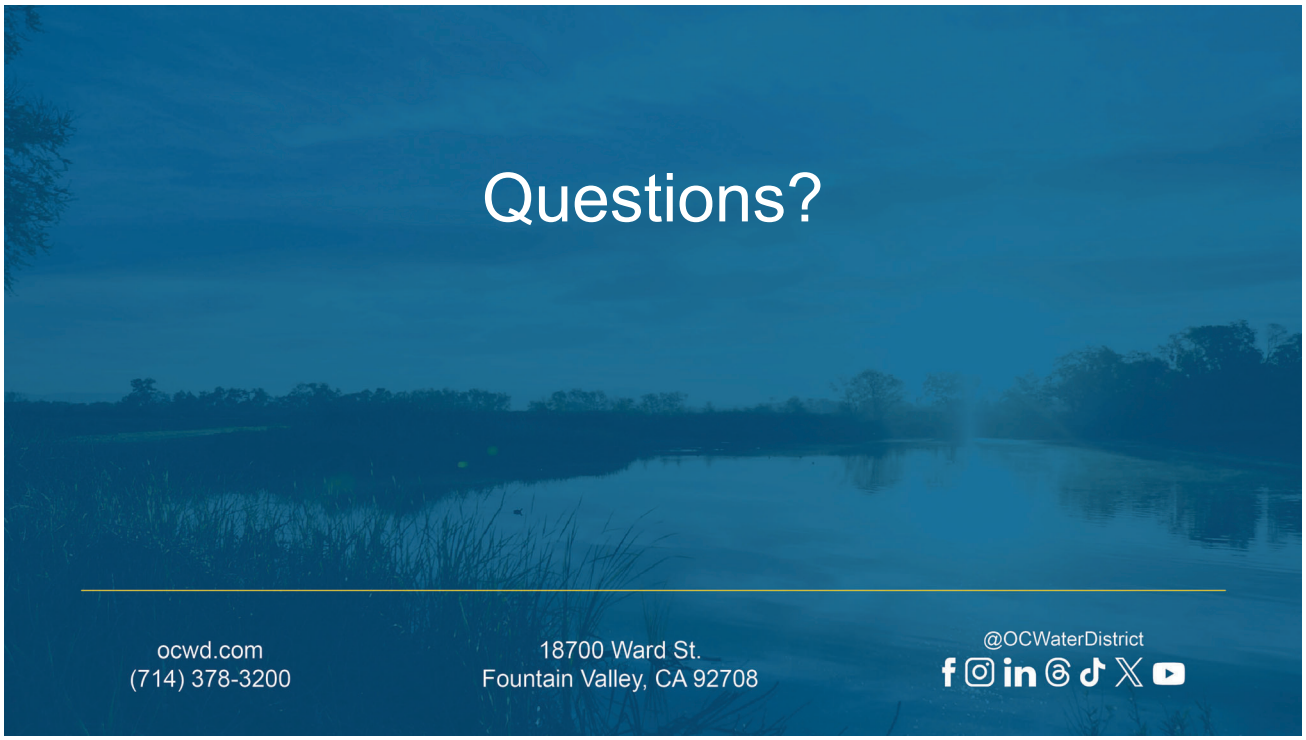


FY 2025-26 Groundwater Basin Water Balance

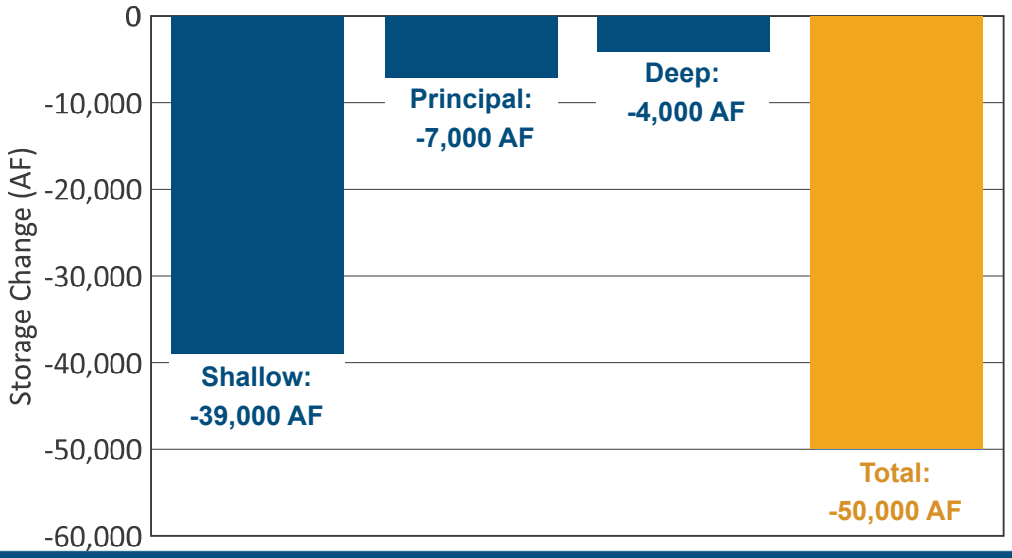
Water Source	Amount (afy)
SAR Baseflow	74,000
SAR Stormflows	72,000
Incidental Recharge	40,000
GWR System	128,000
MWD untreated supplies	0
Other	3,000
Total Water Into Basin	317,000
Expected Pumping @ 85% BPP	297,000
Subtotal Basin Gain/(Loss)	20,000

WY 2025-26 Accumulated Overdraft Projection





WY 2024-25 annual storage change was calculated for all three aquifer layers



WY 2024-25 Groundwater Balance

Inflows & Outflows (acre-feet)	Budget (Rain~13 in.)	Actual (Rain 6.7 in.)	Difference
SAR Base and Storm Flow Recharge	133,000	129,500	-3,500
Incidental Recharge	49,000	7,400	-41,600
GWR System (Forebay, Barrier, and MBI)	128,000	113,100	-14,900
MWD Supplies	0	0	0
Other (Alamitos Barrier, Talbert OC-44)	3,000	2,200	-800
Total Water Into Basin	313,000	252,200	60,800
Total Basin Pumping @ 85% BPP	-292,000	-302,200	-10,200
Storage Change	+21,000	-50,000	
Accumulated Overdraft	112,000	183,000	

Storage change was calculated for the three aquifer layers in the basin.

