

Field Headquarters Recharge Operations Update

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Director of Recharge and Wetland Operations

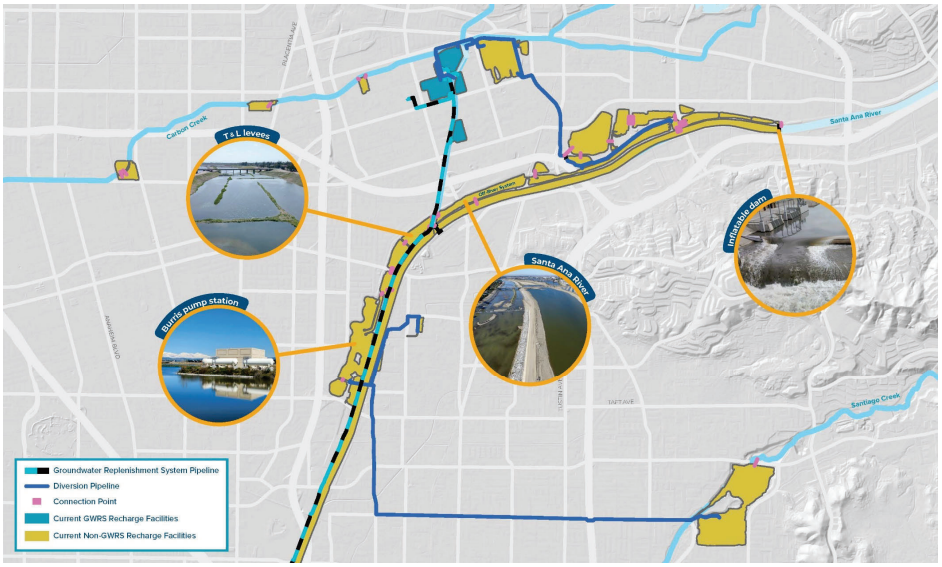
October 22, 2025

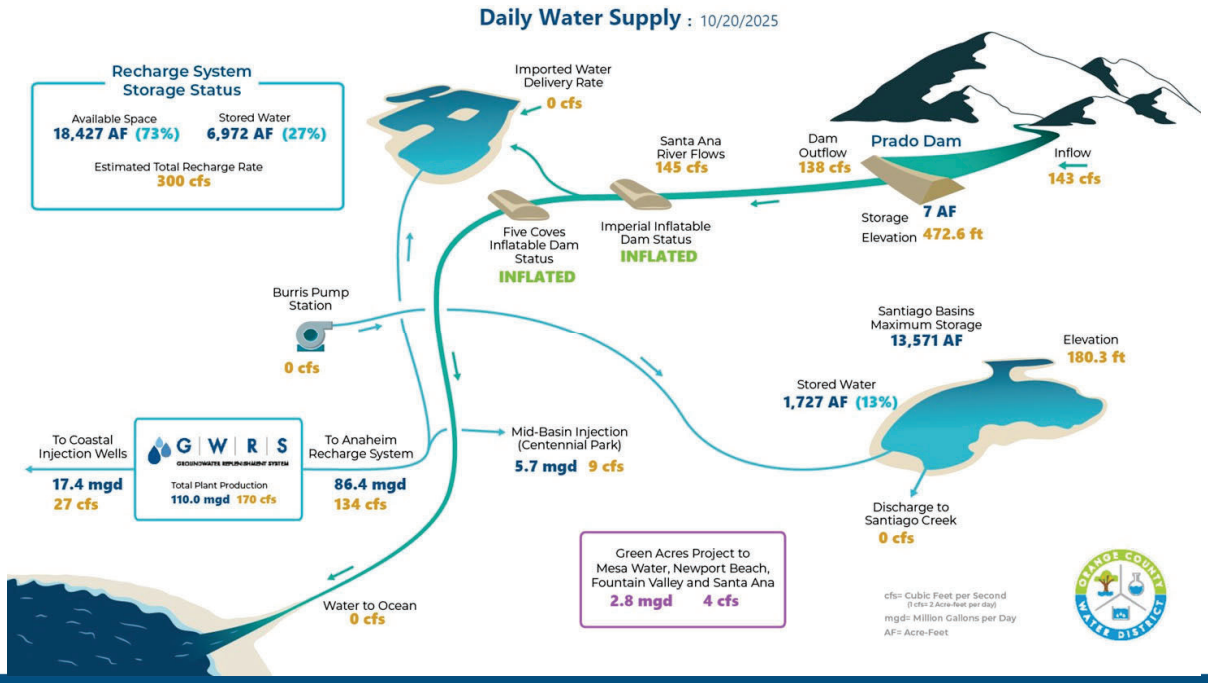
Surface Recharge System

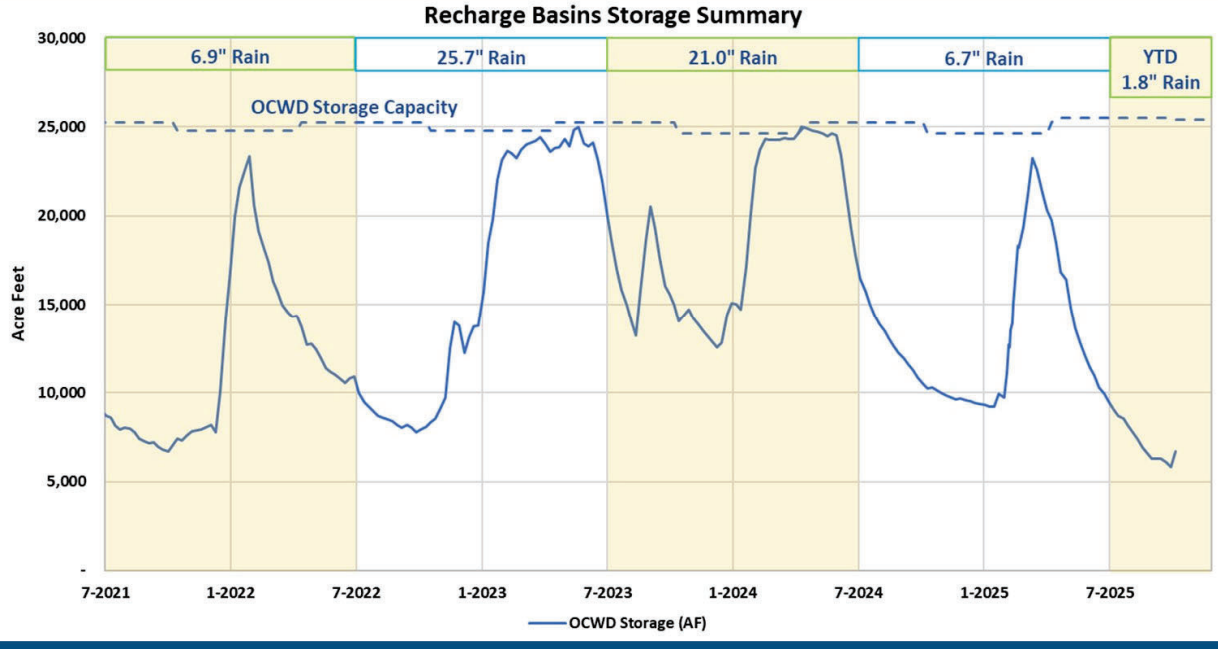
Facilities
- 1,600 acres
- 30 recharge facilities
  - 4 joint OCFCD
- 25,000 AF storage
- 25,400 AF Prado storage
  - Elevation 508

Water Sources
- Santa Ana River
  - Baseflow
  - Stormflow
- GWRS
- Untreated Import

Operational Priorities
1. Percolation
2. Storage




Daily Water Supply : 10/20/2025
Recharge System Storage Status
Available Space
18,427 AF (73%)
Stored Water
6,972 AF (27%)
Estimated Total Recharge Rate
300 cfs
Imported Water Delivery Rate
0 cfs
Santa Ana River Flows
145 cfs
Dam Outflow
138 cfs
Prado Dam
Inflow
143 cfs
Storage
7 AF
Elevation
472.6 ft
Five Coves Inflatable Dam Status
INFLATED
Imperial Inflatable Dam Status
INFLATED
Burris Pump Station
0 cfs
Santiago Basins Maximum Storage
13,571 AF
Elevation
180.3 ft
Stored Water
1,727 AF (13%)
To Coastal Injection Wells
17.4 mgd
27 cfs
G W R S
Total Plant Production
110.0 mgd 170 cfs
To Anaheim Recharge System
86.4 mgd
134 cfs
Mid-Basin Injection (Centennial Park)
5.7 mgd 9 cfs
Discharge to Santiago Creek
0 cfs
Green Acres Project to Mesa Water, Newport Beach, Fountain Valley and Santa Ana
2.8 mgd 4 cfs
Water to Ocean
0 cfs
cfs= Cubic Feet per Second
mgd= Million Gallons per Day
AF= Acre-Feet


Recharge Basins Storage Summary
6.9" Rain
25.7" Rain
21.0" Rain
6.7" Rain
YTD 1.8" Rain
OCWD Storage Capacity
Acre Feet
30,000
25,000
20,000
15,000
10,000
5,000
-
7-2021
1-2022
7-2022
1-2023
7-2023
1-2024
7-2024
1-2025
7-2025
OCWD Storage (AF)

Basin Preparation

- Cleaning
  - Remove clay & silt to restore percolation
  - Manage vegetation
  - Fill washouts



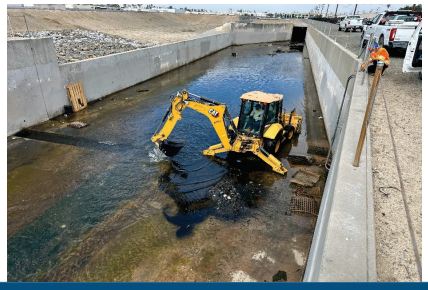
- 17 facilities have been cleaned
  - 80% of cleanable area complete
  - 14% of cleanable area planned
  - 6% of cleanable area not-planned

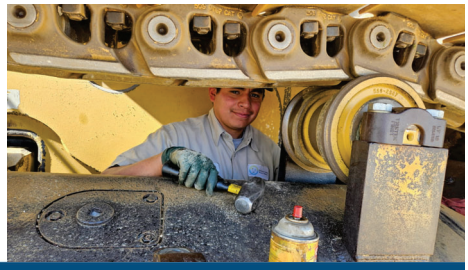
Maintenance & Mechanics

- Replacements / repairs:
  - 4 flow meters
  - Several large valves
  - Instrumentation
  - Vertical turbine pump
  - Gasoline storage tank
  - Rubber dams
  - Fences
- Corrosion protection

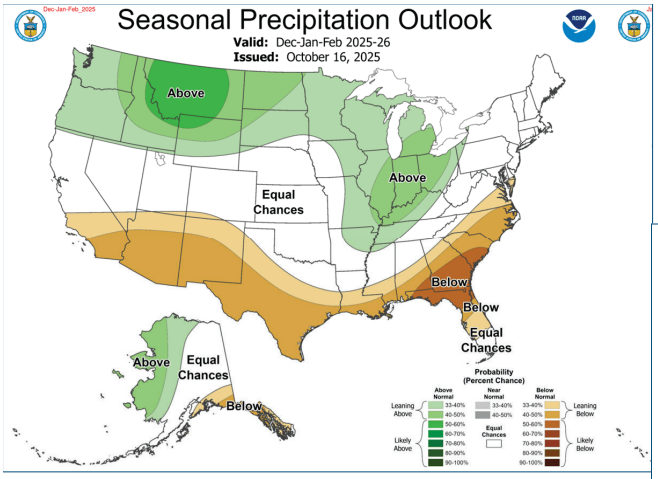


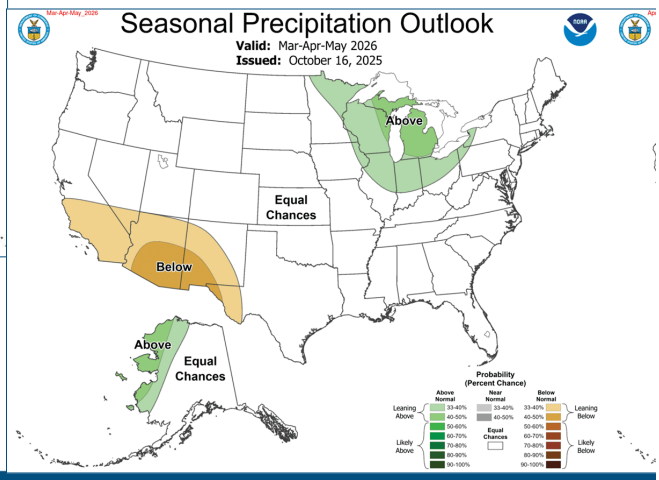






- 43 on-road vehicles
- 31 off-road equipment
- 33 trailers / equipment
- 3 boats





ORANGE COUNTY WATER DISTRICT

Questions?

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Stay informed

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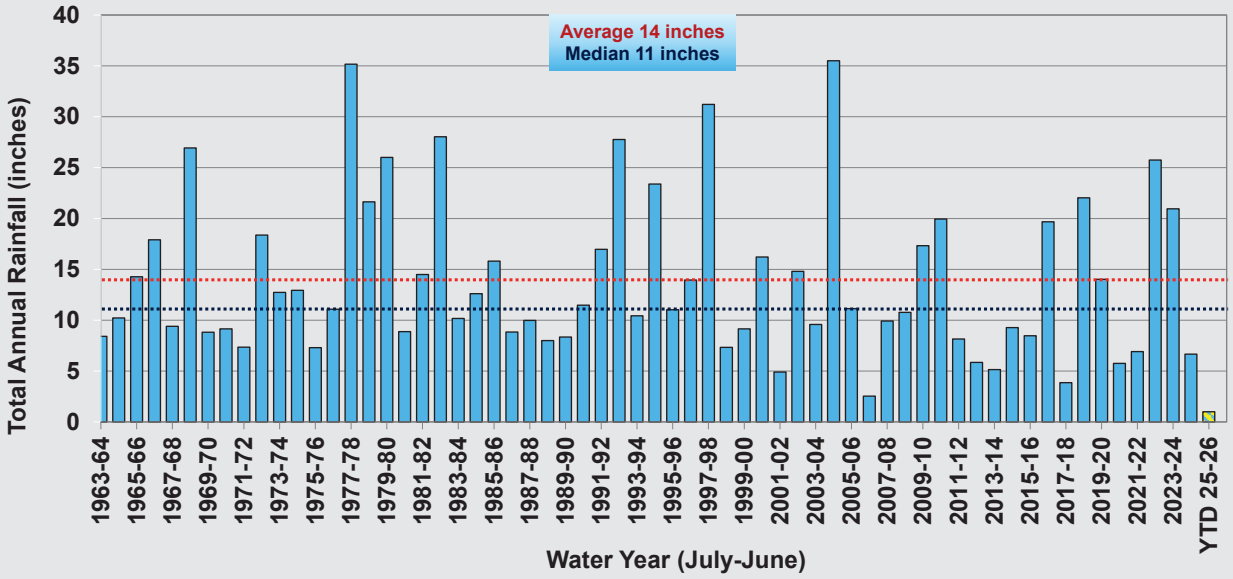
Annual Anaheim Rainfall



Who Does The Work



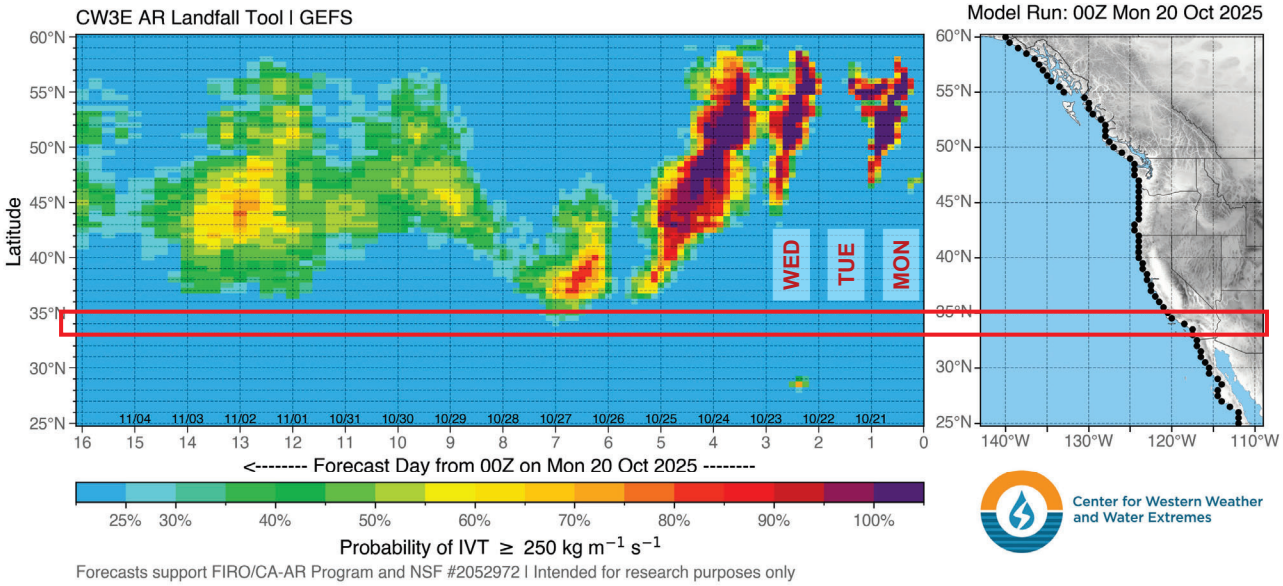
Field Headquarters and Prado Operations Staff

Current Storage

Basin	AF in Storage	Source
Prado Dam	5 (0%)	SAR
Santiago Basin	1,259 (9%)	SAR
Warner System	3,664 (89%)	SAR
Burris System	1,175 (40%)	SAR
Anaheim Lake	149 (6%)	SAR
GWRS Basins	110 (33%)	GWRS
Total Stored at OCWD Facilities*	**6,676 (26%)**	
Total Available*	**18,723 (74%)**	

*Includes basins not listed

Atmospheric Rivers



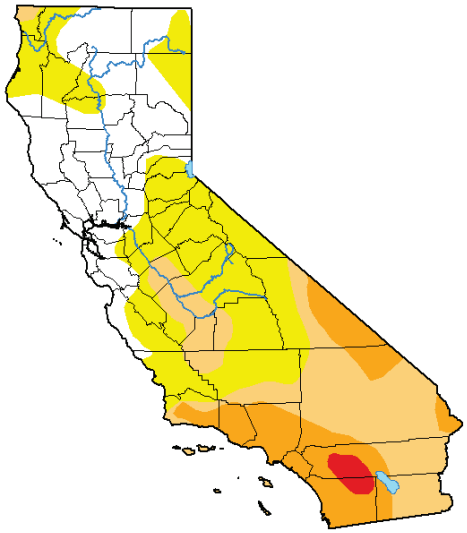
U.S. Drought Monitor

California

October 14, 2025

(Released Thursday, Oct. 16, 2025)

Valid 8 a.m. EDT



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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droughtmonitor.unl.edu

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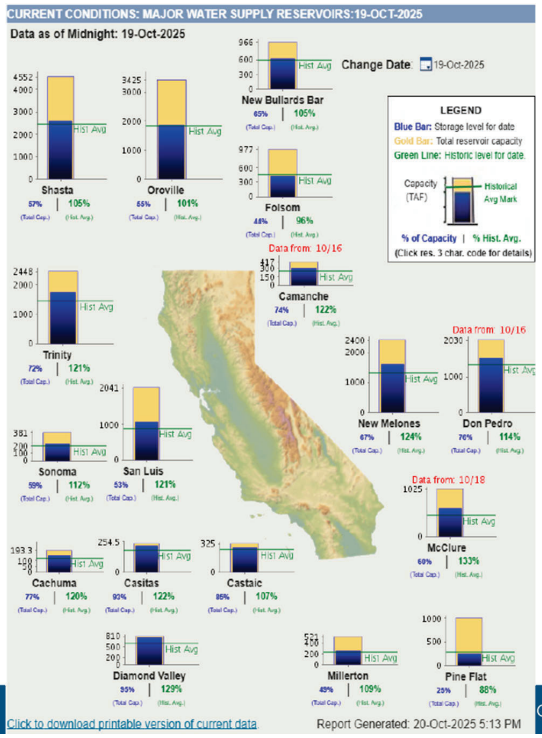
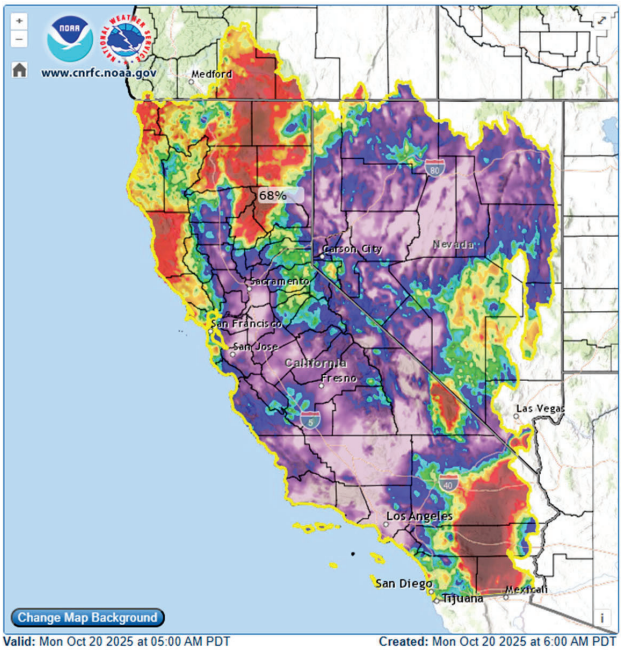
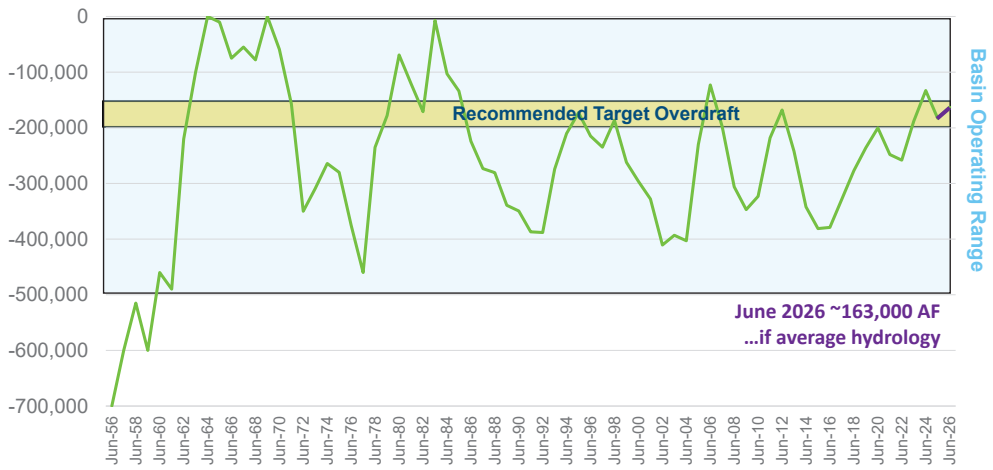
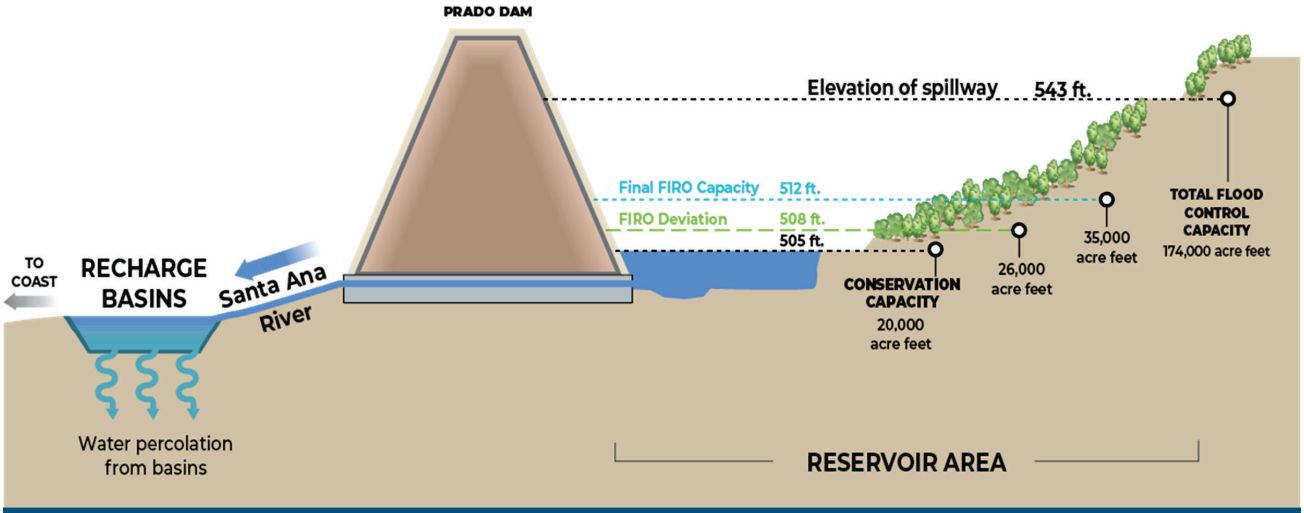




Groundwater Basin Accumulated Overdraft



Prado Dam



✓ Accurate Prediction 69% ✗ Inaccurate Prediction 31%

