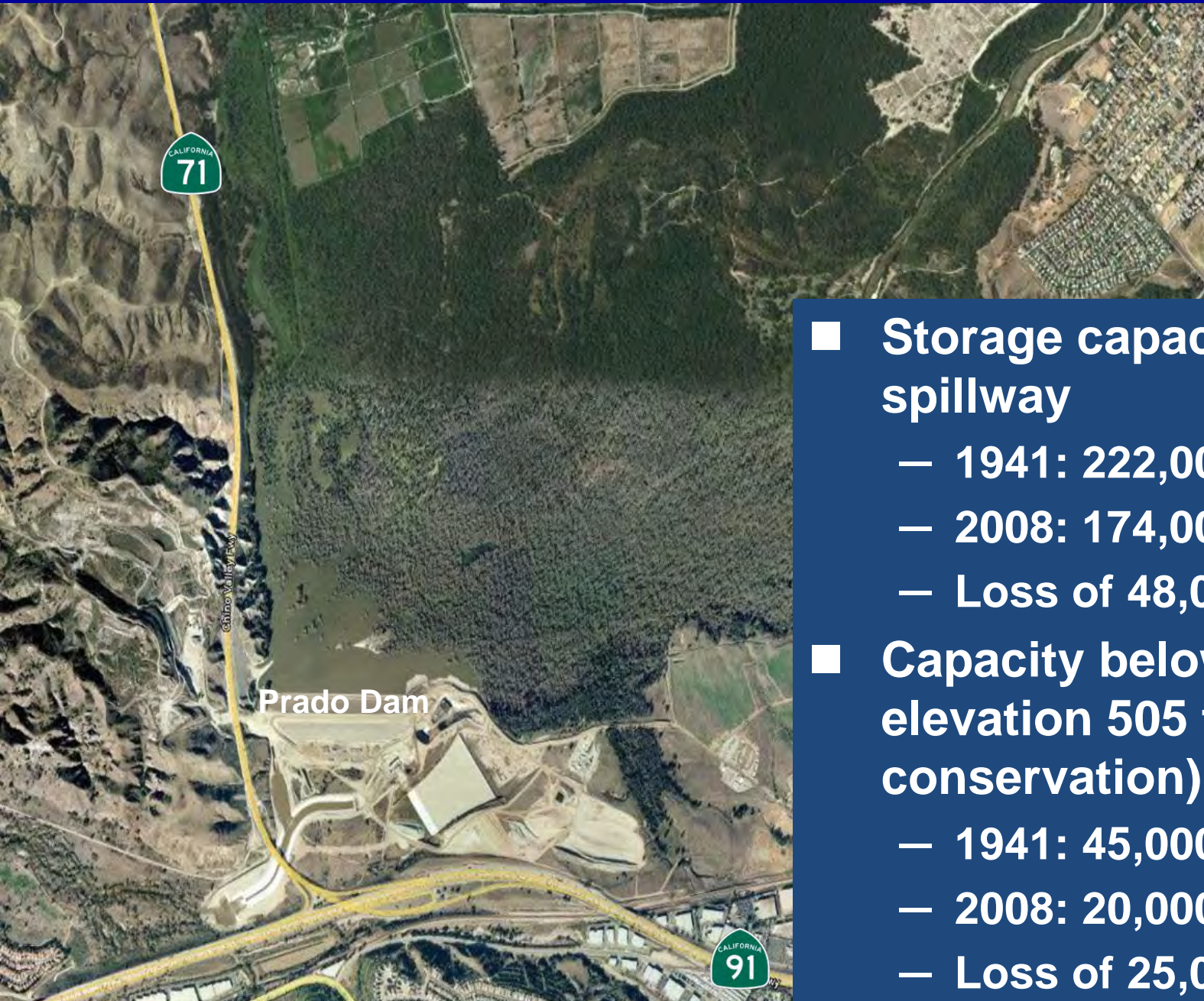


# **Dam Sediment Management... Taking a Regional Approach**

**By Philip L. Anthony  
SAWPA Commissioner  
Orange County Water District Director  
April 11, 2013**

# Sediment Accumulation in Prado Basin



- **Storage capacity at spillway**
  - 1941: 222,000 af
  - 2008: 174,000 af
  - Loss of 48,000 af
- **Capacity below elevation 505 ft (water conservation)**
  - 1941: 45,000 af
  - 2008: 20,000 af
  - Loss of 25,000 af

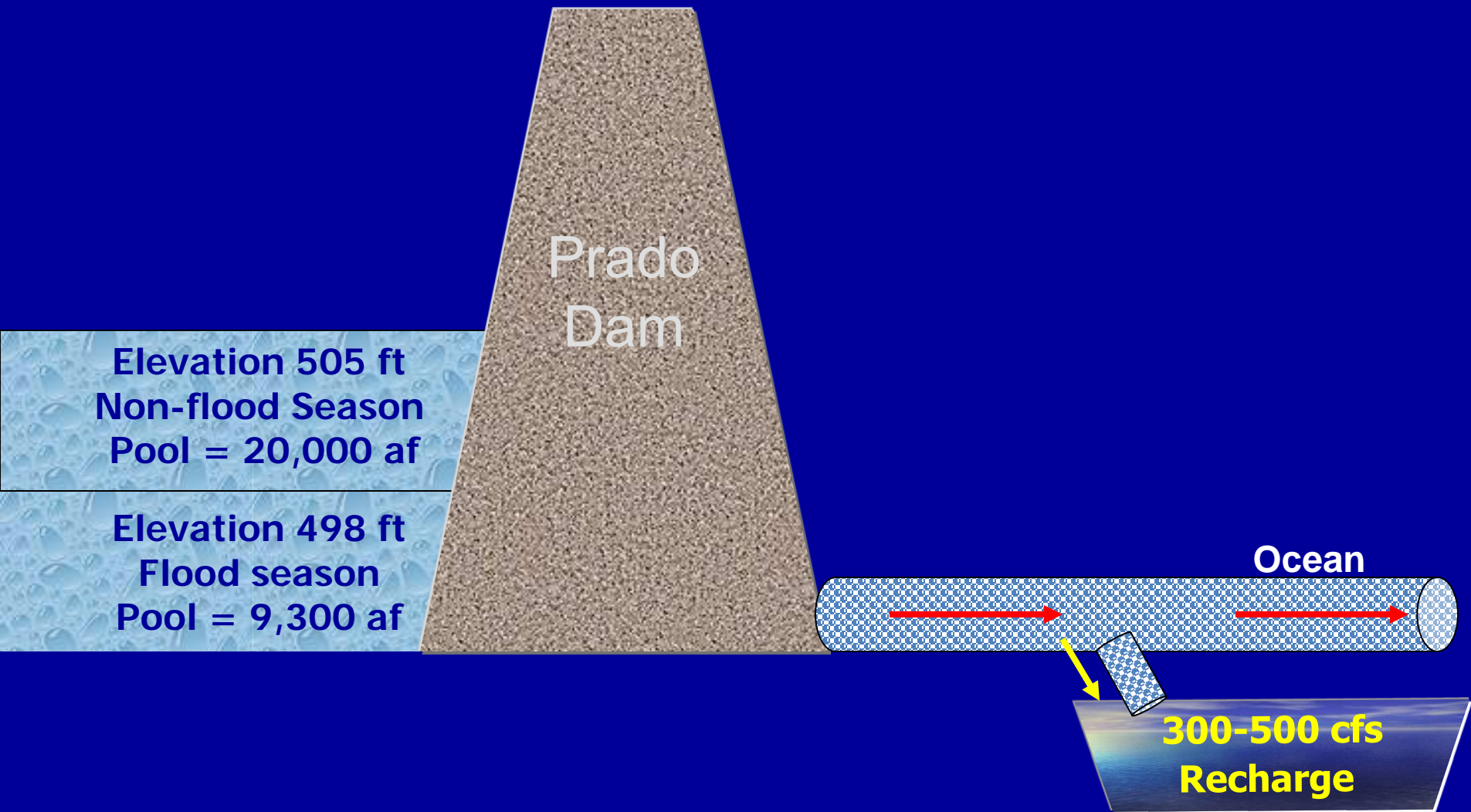
# Sediment Accumulation at River Road Bridge

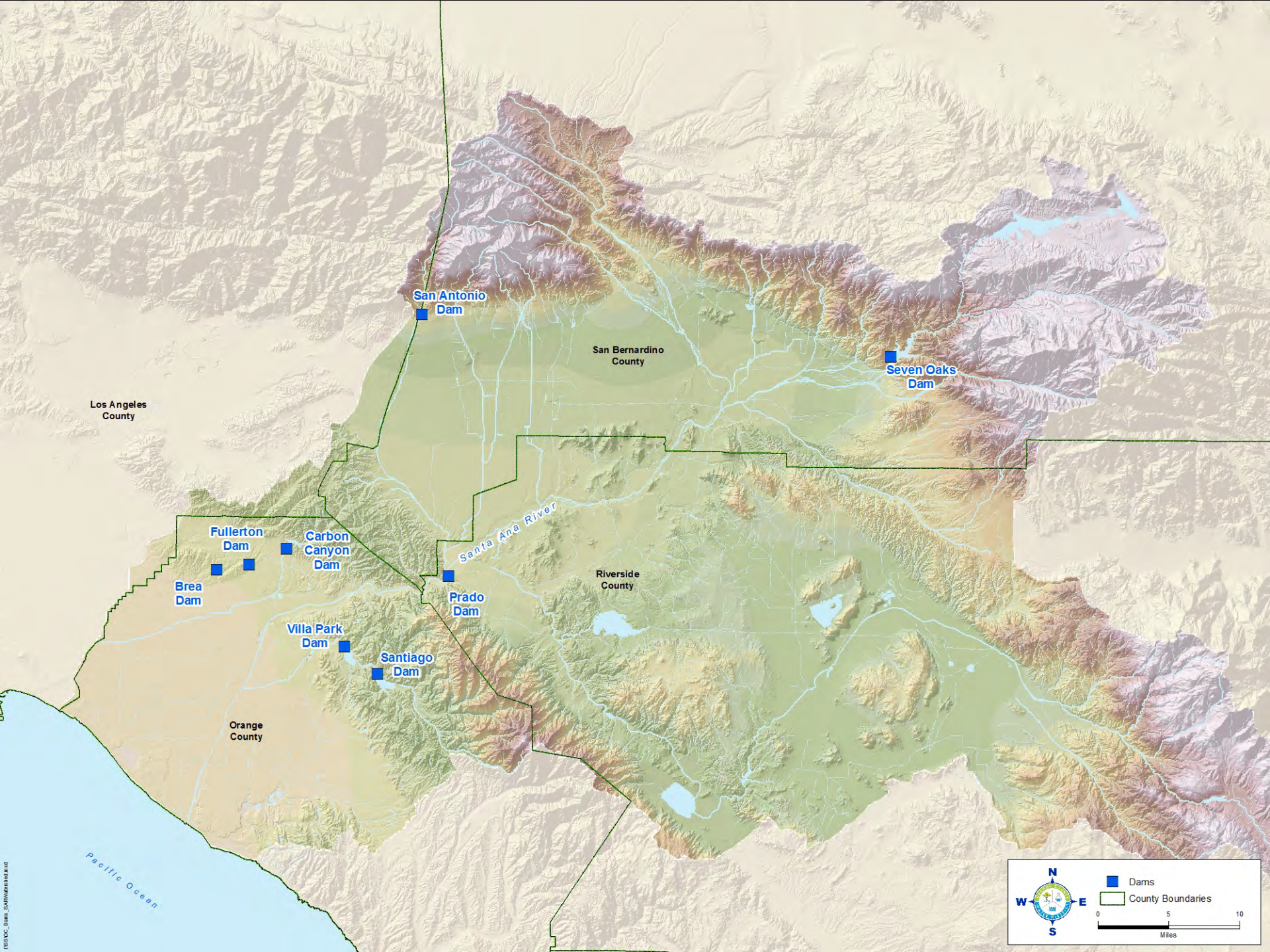


# Santa Ana River Near Weir Canyon



# Stormwater Capture at Prado Dam





Los Angeles County

San Bernardino County

Riverside County

Orange County

San Antonio Dam

Seven Oaks Dam

Brea Dam

Fullerton Dam

Carbon Canyon Dam

Villa Park Dam

Prado Dam

Santiago Dam

Santa Ana River

Pacific Ocean

A legend in the bottom right corner. It includes a compass rose with cardinal directions (N, S, E, W) and a scale bar showing 0, 5, and 10 miles. A blue square represents 'Dams' and a black outline represents 'County Boundaries'.

# Prado Basin Sediment Management Demonstration Project

