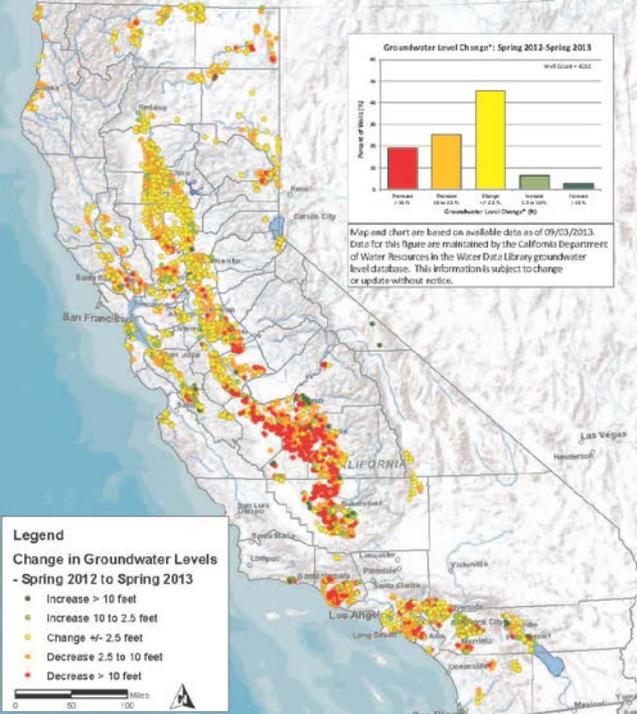


# DWR's Role in Sustainable Groundwater Management

## Implementing the CA Water Action Plan and Groundwater Legislation



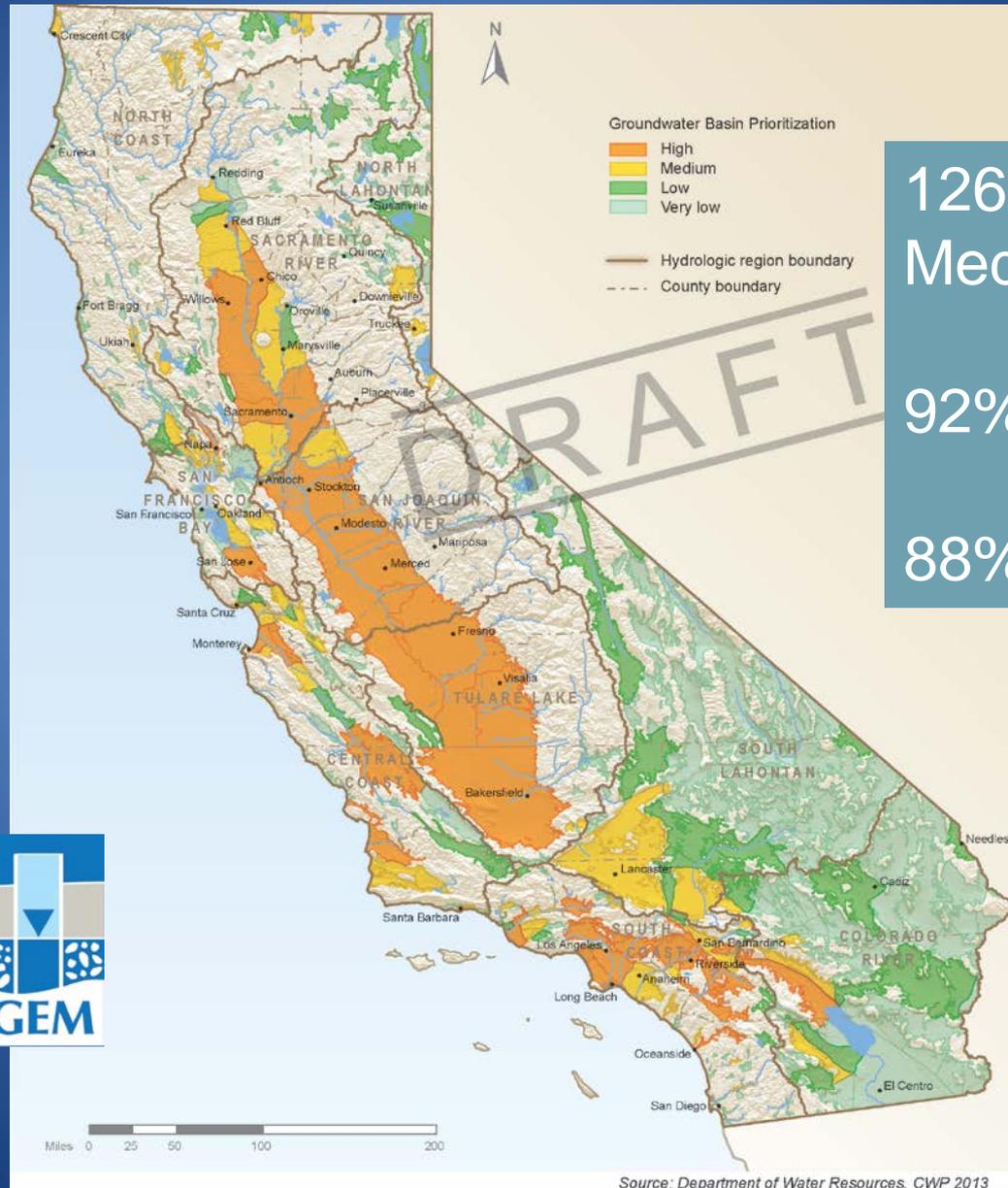
*CA Department of Water Resources*  
*Gary Bardini, PE*  
*Deputy Director*



# Phases to Implement Groundwater Legislation and Achieve Sustainable Groundwater Management



# CASGEM Basin Prioritization



126 High and Medium

92% GW use

88% Population



# Phases to Implement Groundwater Legislation

## Phase 1

### Realignment of Governance and Areas

(Oct 2014 through 2017)

#### DWR

- Jan 2015 Update basin prioritization
- 2015 –2016 Identifies basins subject to critical conditions of overdraft
- Jan 2016 Adopt regulations to revise basin boundaries
- Jun 2016 Adopt regulations for evaluating and implementing GSPs
- Jun 2016 Adopt regulations for evaluating alternatives to GSPs
- Dec 2016 Publish report on water available for GW replenishment
- Jan 2017 Publish BMPs for sustainable GW management
- 2017 Publish Bulletin 118 “Interim Update”
- 2018 Publish Bulletin 160 Update

# Phases to Implement Groundwater Legislation

## Phase 2

### Development and Adoption of Groundwater Sustainability Plans

(2017 to Jan 2020 or 2022)

#### SWRCB

- Jan 2018 Develop interim plans for “probationary basins”
- Jan 2020 May designate critically-overdrafted basins as “probationary” if GSP inadequate.
- Jan 2021 May develop interim plans for critically overdrafted “probationary basins”

#### DWR

- 2020 Publish Bulletin 118 “Comprehensive Update”

#### GSA’s

- Jan 2020 Manage high and medium priority basins identified subject to critical conditions of overdraft under a GSP
- Jan 2022 All other high & med. priority basins managed under a GSP

# Phases to Implement Groundwater Legislation

## Phase 3

### Early Implementing of GSPs through Water Budgets

(Jan 2020 or 2022 plus 5-10 years)

#### GSA's

- Annually Report on progress towards sustainability to DWR (April 1<sup>st</sup> of each year)

#### SWRCB

- Jan 2025 May designate a basin as “probationary” if:
  - GSP inadequate
  - Implementation inadequate
  - Extractions result in significant depletion of interconnected surface waters

# Phases to Implement Groundwater Legislation

## Phase 4

### **Sustainable Groundwater Management**

(plus 20 years from 2020 or 2022)

#### DWR/SWRCB

- Board and DWR continue to Evaluate GSPs effectiveness

#### GSA's

- Adjust GSPs as needed

#### Overall

- 2040 and 2042 – Twenty years after GSP adoption all high and medium priority groundwater basins must achieve sustainability.

# DWR Sustainable Groundwater Management Program

## Functional Areas



# California's Major Milestones toward Sustainable Groundwater Management

