

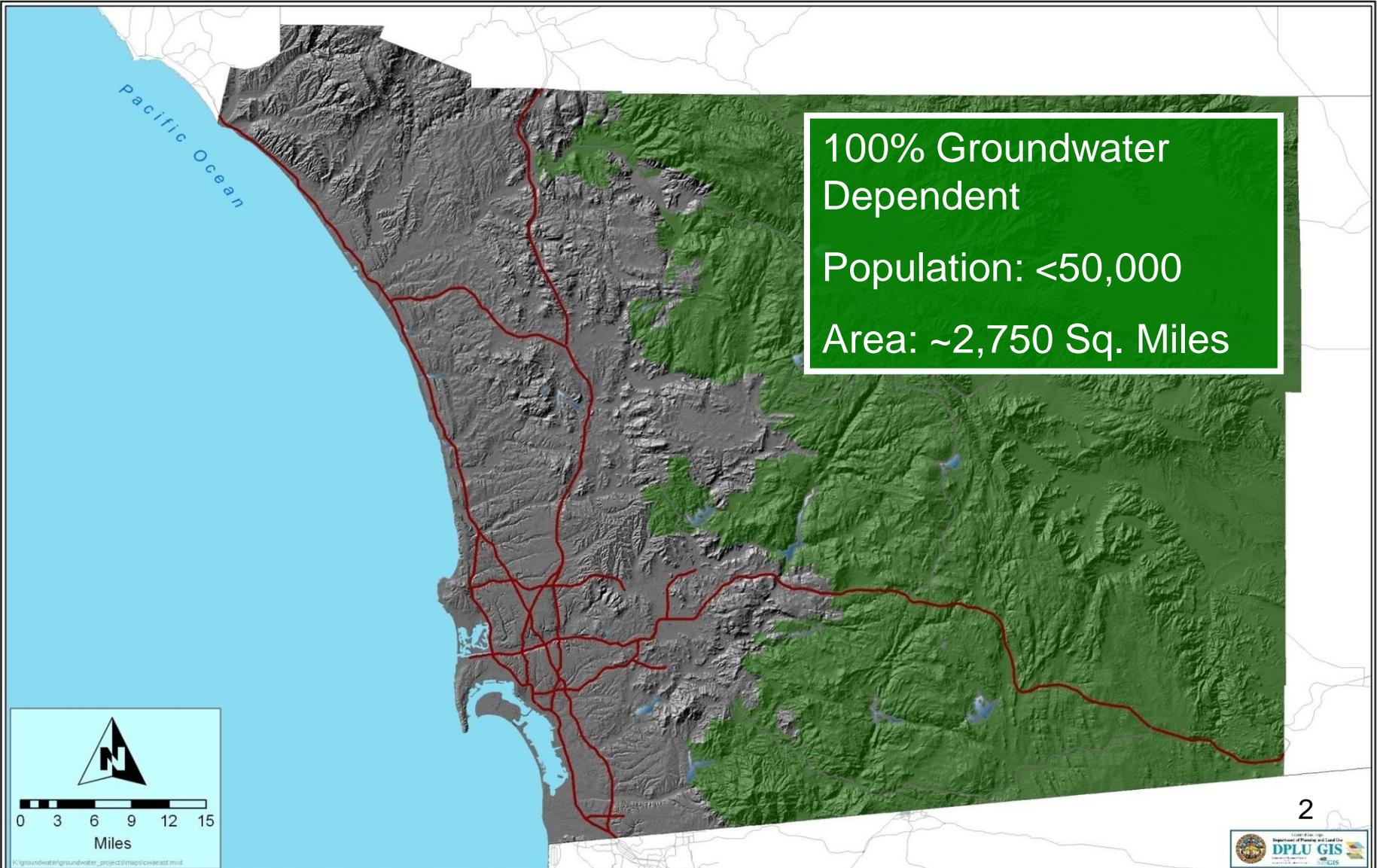
Sustainable Groundwater Management Act of 2014



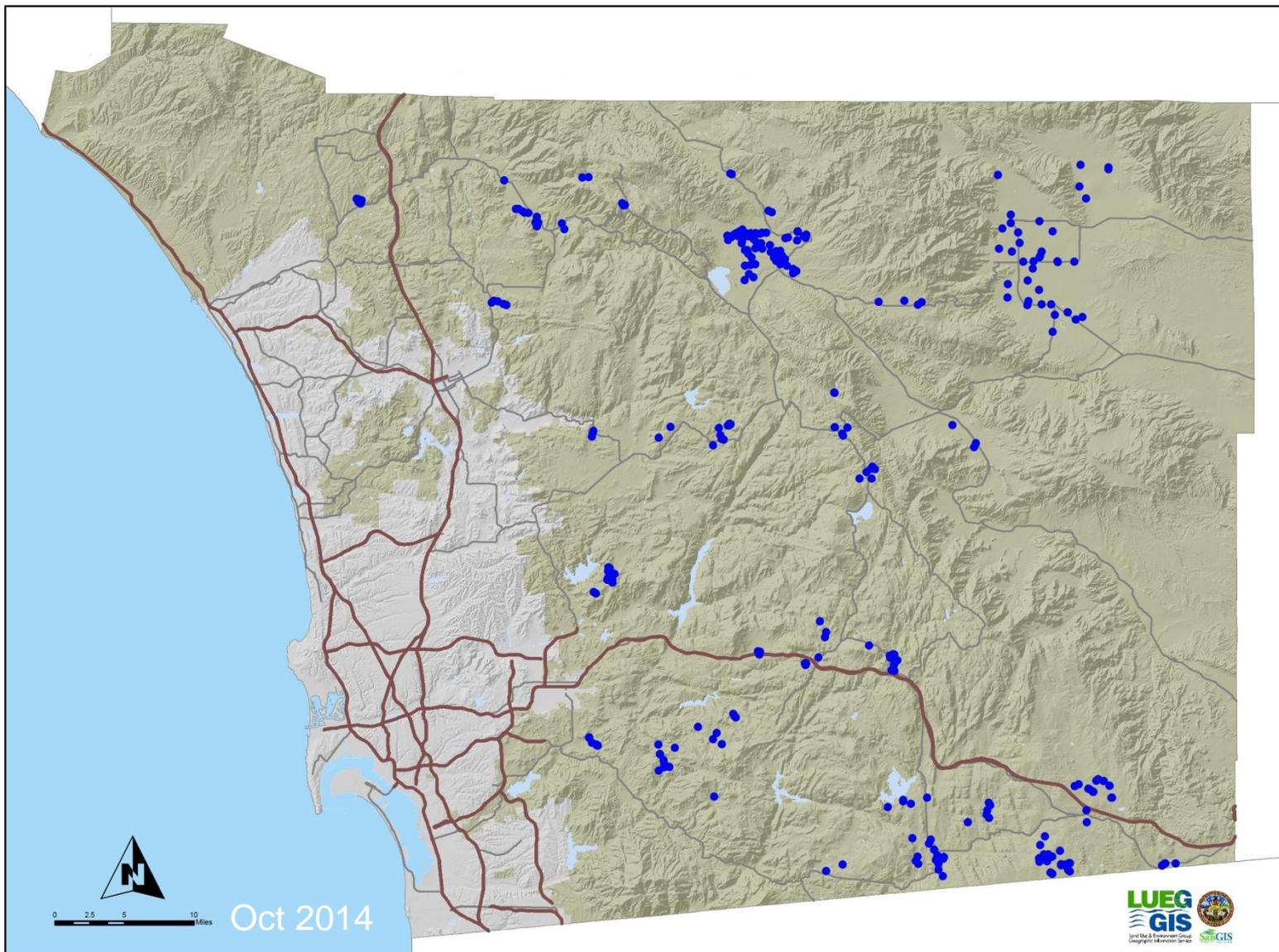
October 13, 2015

Jim Bennett, County of San Diego

Existing County Role in Groundwater Management



County Groundwater Monitoring Network



Sustainable Groundwater Management Act of 2014



Three Bills:

- SB 1168 (Pavley)
- SB 1319 (Pavley)
- AB 1739 (Dickinson)



Intent: *“to strengthen local groundwater management and monitoring of local groundwater basins most critical to the state’s water needs.”*

Legislative Context



Why Now?

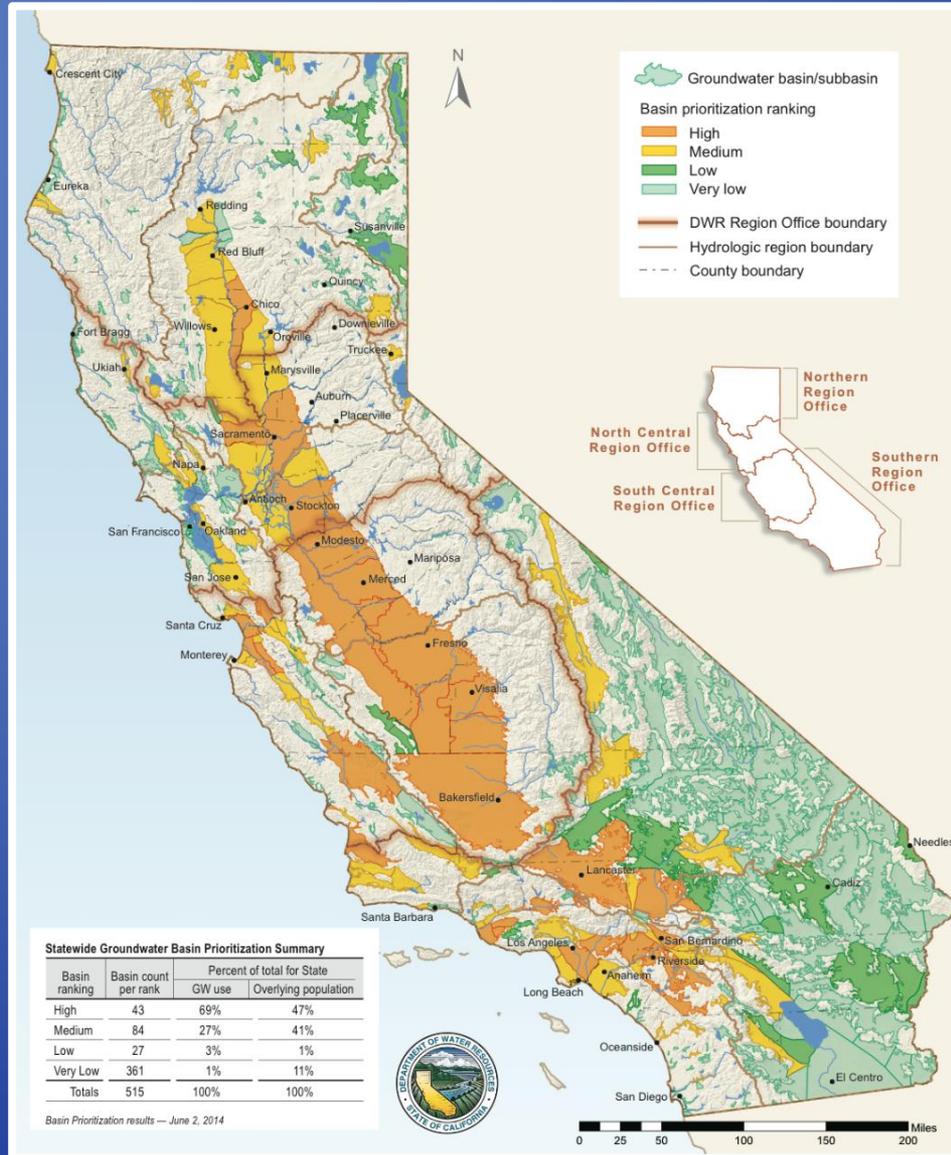
- Three (Now Four) Years of Drought
- Diminished Surface Water Supplies
- Increased Groundwater Pumping
- Increasing Groundwater Impacts
- Subsidence Concerns

Who is Affected?

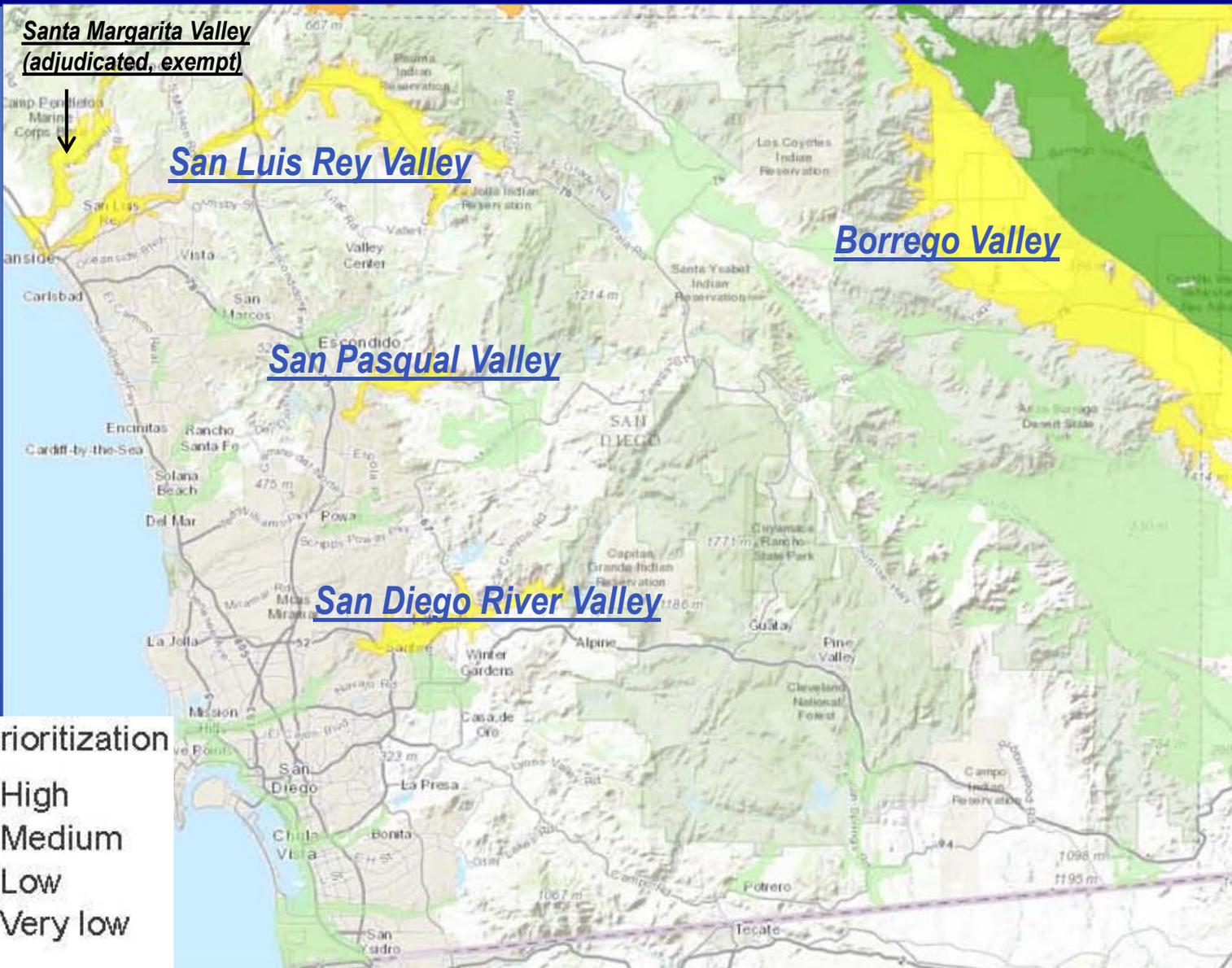


- Groundwater Extractors in High or Medium Priority Basins
- Existing Groundwater Management Agencies
- Local Land Use Agencies

Basin Prioritization



Sustainable Groundwater Management in San Diego County



Required Deadlines



Date	Action
June 30, 2017	Formation of Groundwater Sustainability Agencies
January 31, 2020	Completion of Groundwater Sustainability Plans Critically Overdrafted Basins
January 31, 2022	Completion of Groundwater Sustainability Plans All Other Basins
20-Year Implementation Period	Implementation of Groundwater Sustainability Plans

Following above time frames ensures local agencies from state intervention

Groundwater Sustainability Plans



What is Sustainable Groundwater Management?

Manage groundwater to prevent “undesirable results” (significant & unreasonable standard):

- Chronic lowering of groundwater levels
- Reduction of groundwater storage
- Seawater intrusion
- Degraded water quality / contaminant plume migration
- Land subsidence
- Depletions of interconnected surface water

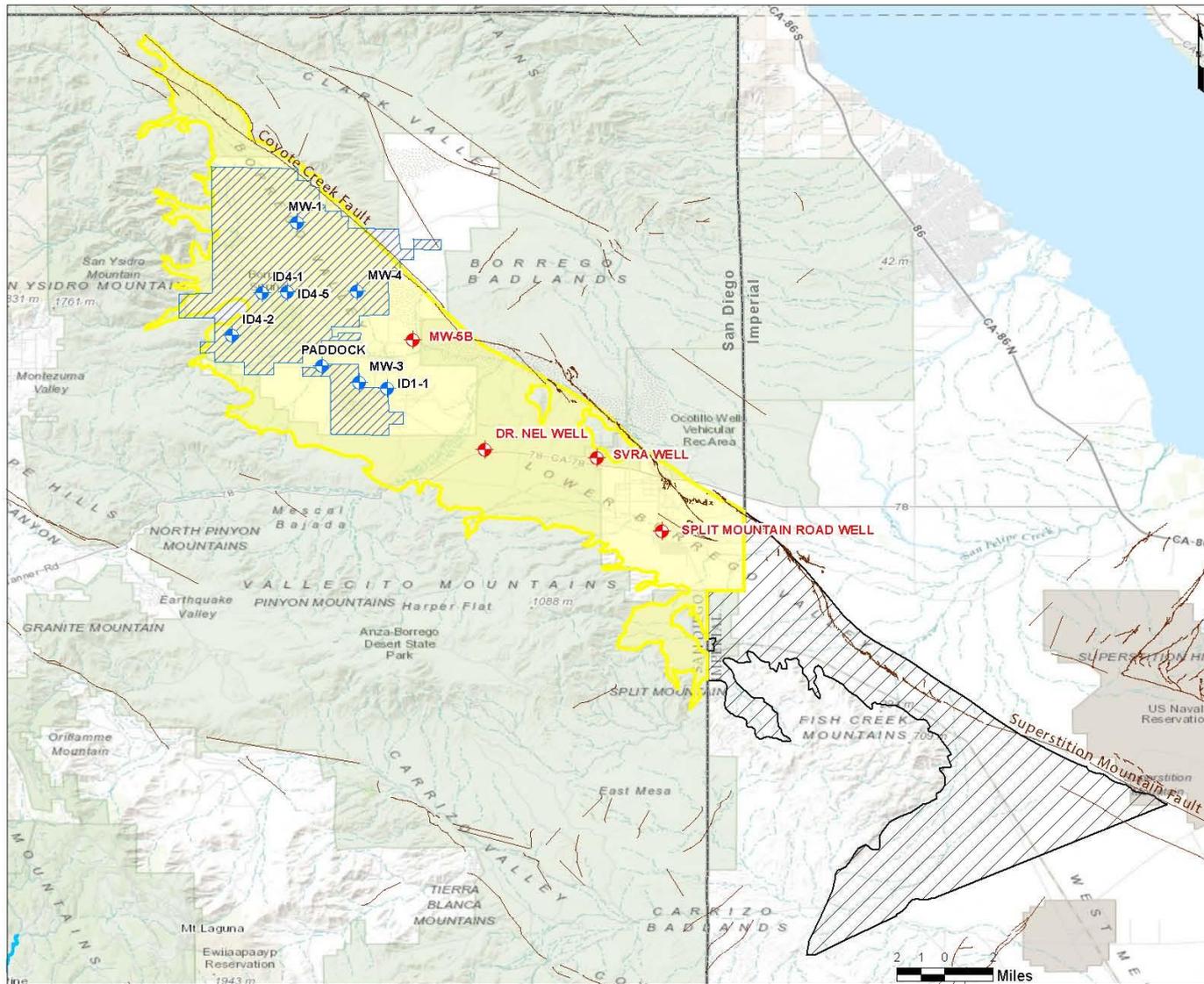
Sustainable Management Tools



New Authorities to Groundwater Sustainability Agencies:

- Register/Meter Groundwater Wells
- Measure Extractions and Water Levels
- Require Extraction/Water Level Reports
- Set Well Extraction Limitations
- Assess Fees

Borrego Valley



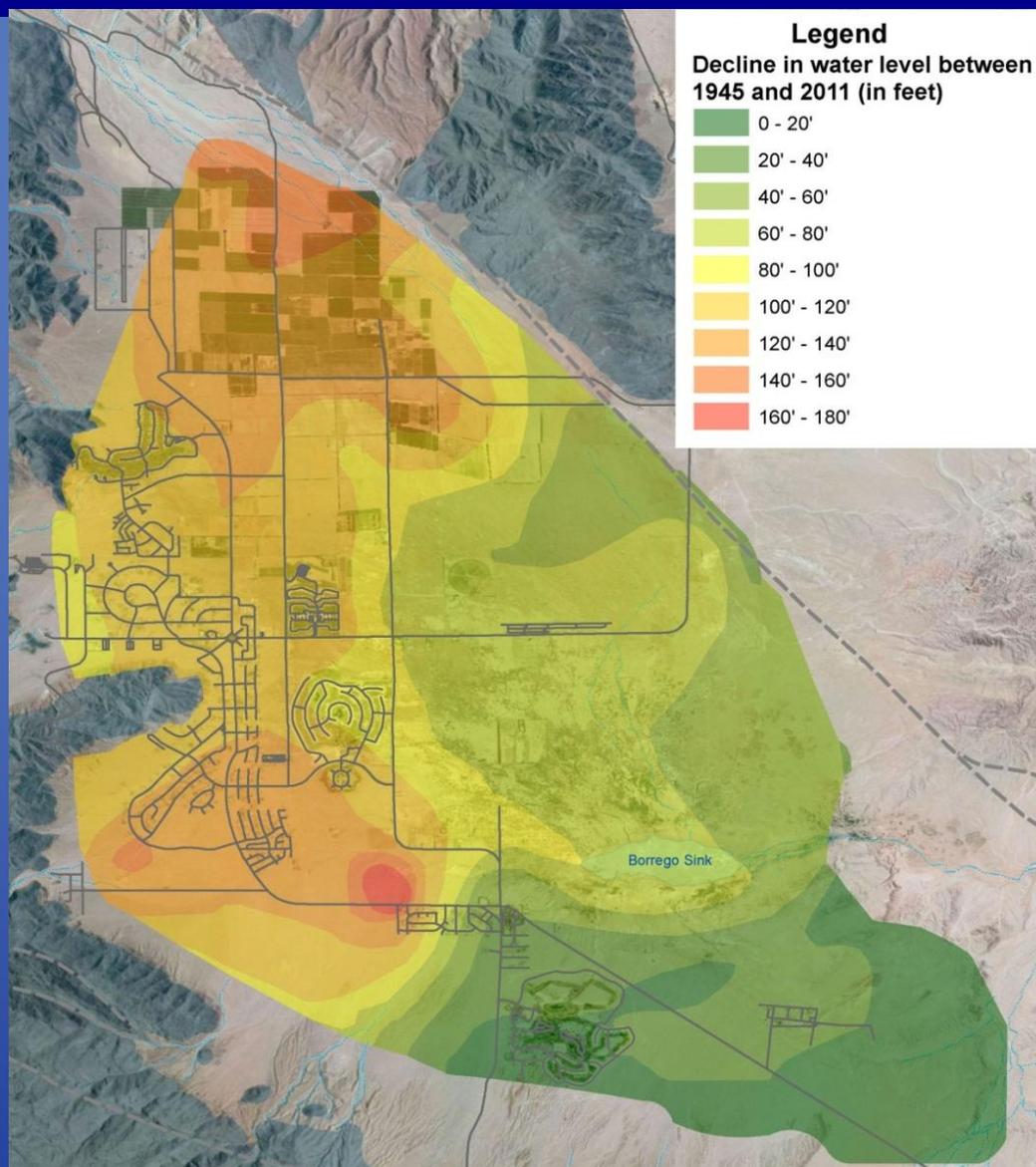
Borrego Valley Basin CASGEM Well Network

- Borrego Water District CASGEM Wells
 - San Diego County CASGEM Wells
 - Borrego Valley Basin in San Diego County
 - Fault
- Areas Not Included in this Plan
- Borrego Water District
 - Borrego Valley Basin in Imperial County

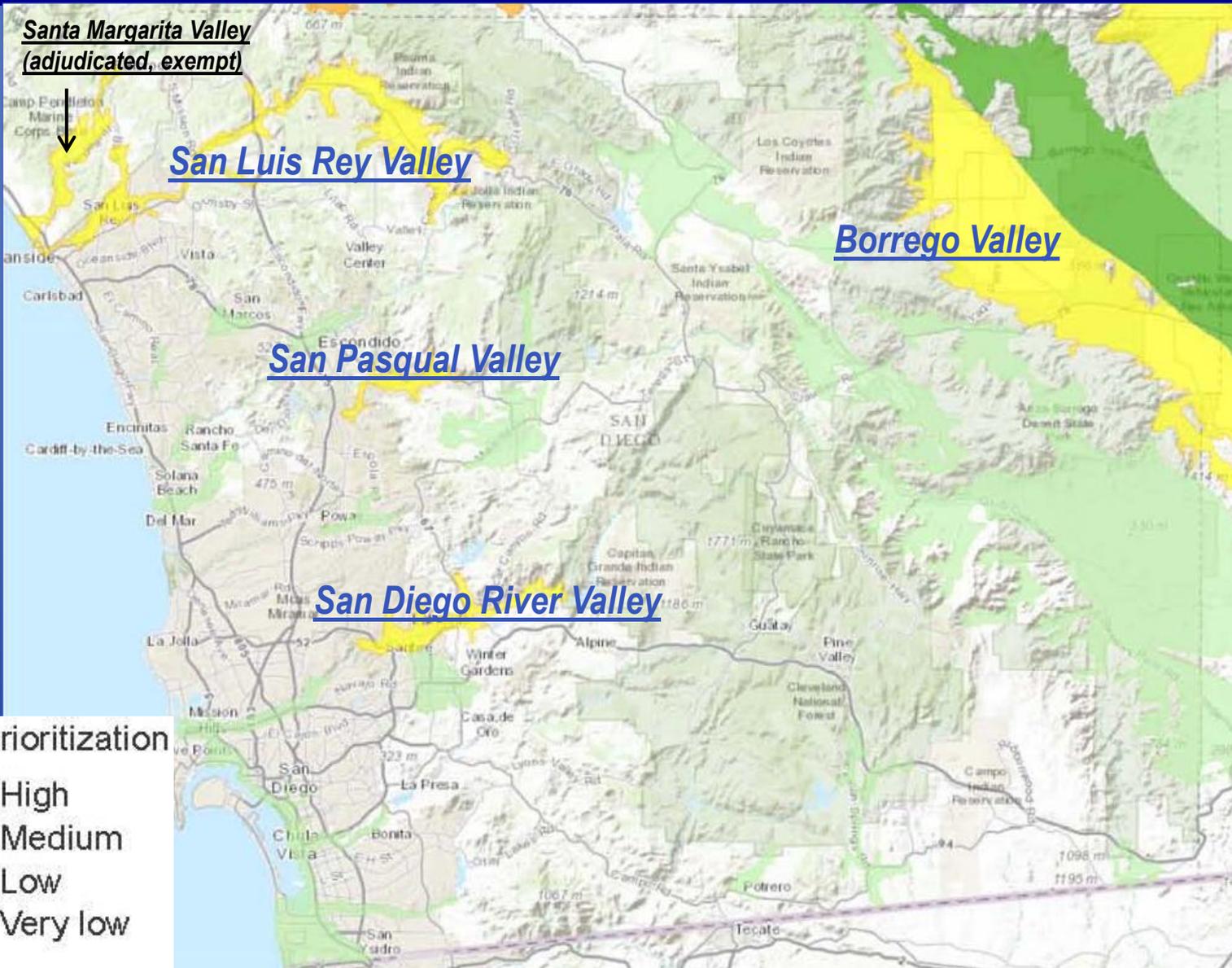


Figure 1
August 2015

Borrego Valley – Groundwater Overdraft



Sustainable Groundwater Management in San Diego County



Basin prioritization

- High
- Medium
- Low
- Very low

Internet Resources



- Department of Water Resources:
<http://www.water.ca.gov/groundwater/sgm/>
- Association of California Water Agencies
<http://www.acwa.com/content/groundwater/groundwater-sustainability>