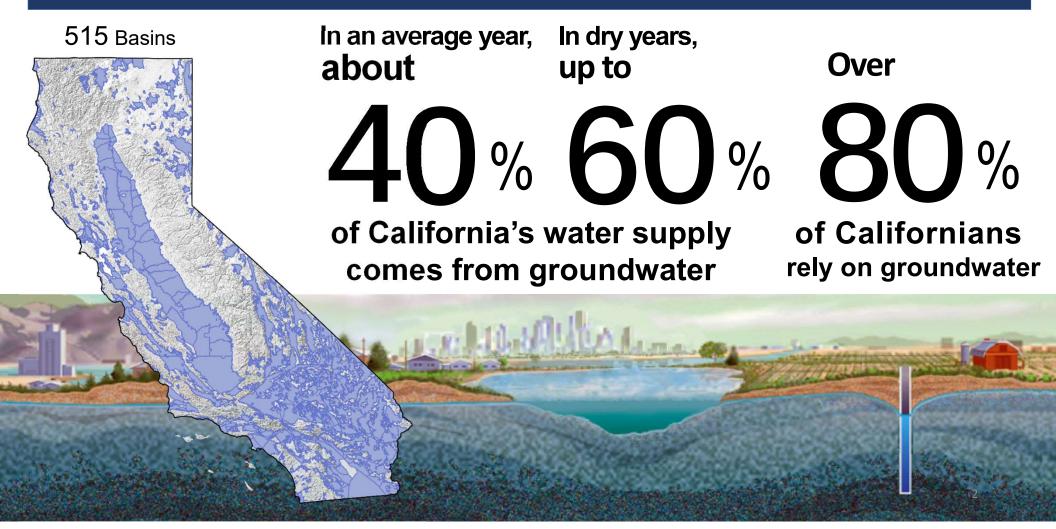
CALIFORNIA DEPARTMENT OF WATER RESOURCES

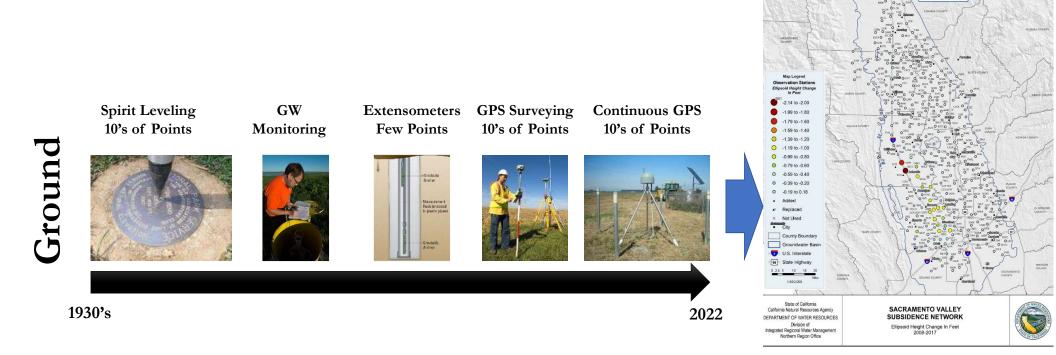
Update on DWR Land Subsidence and other Groundwater Data and Tools

March 10, 2022

California's Groundwater Overview



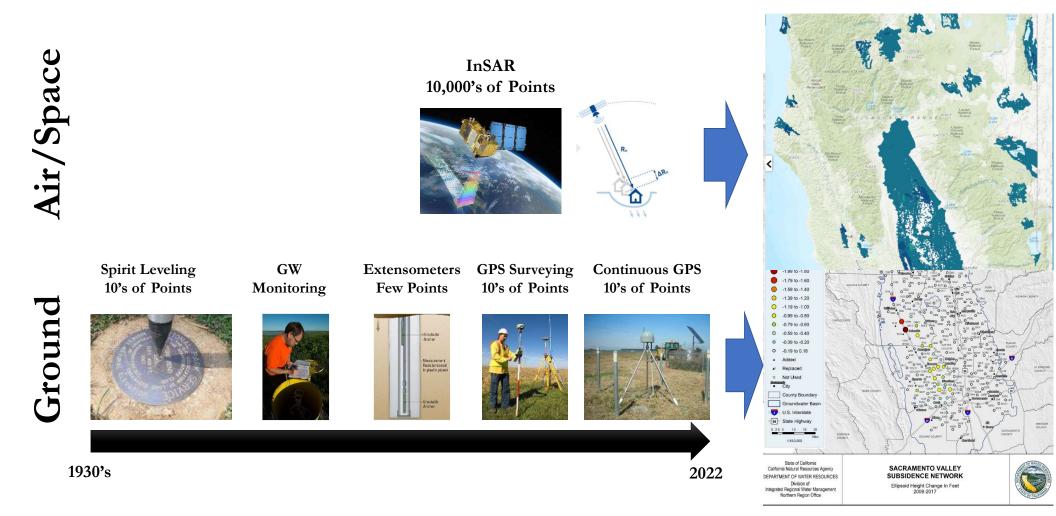
Types of Subsidence Monitoring



Redding Area Groundwater Basin

Sacramento Valley Groundwater Basin

Types of Subsidence Monitoring



California's Groundwater & Subsidence Monitoring

Focus Area SGMA Basins

Partners:

- Public
- GSAs/Local Agencies
- State Agencies
- Federal Agencies

Monitoring Spotlight

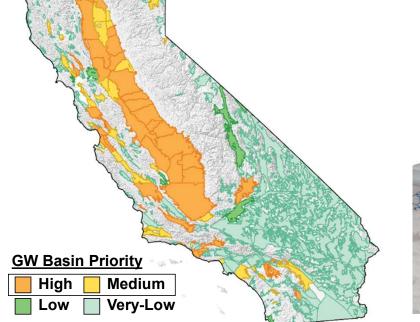
Groundwater Level Monitoring

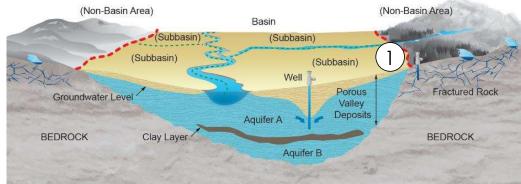
- 1) Groundwater Monitoring Wells
 - Dry Domestic Well Reporting

Subsidence Monitoring

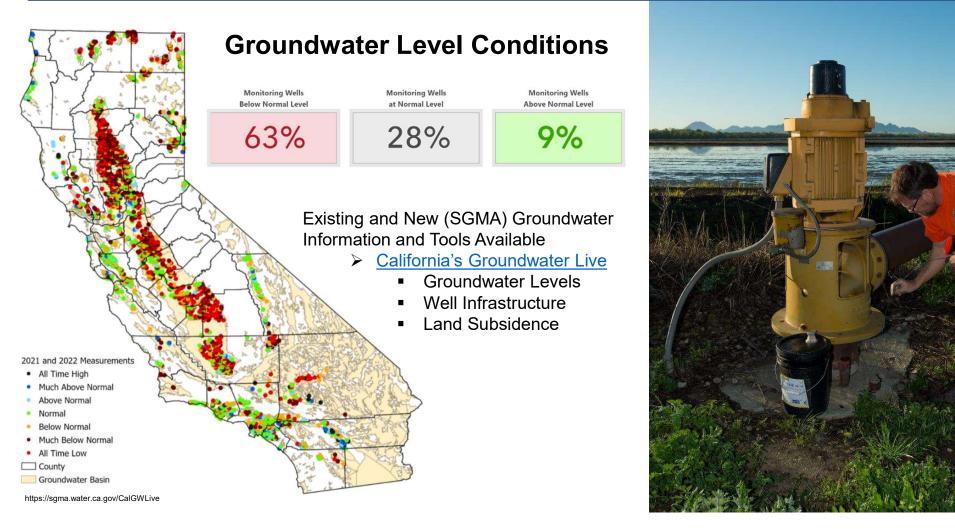


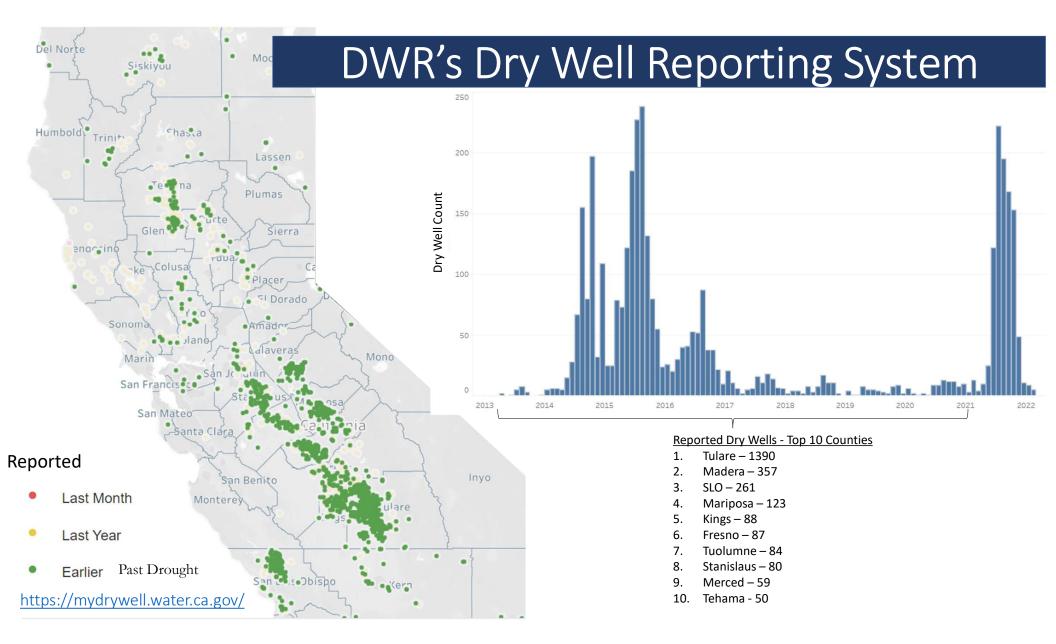
2) Satellite (InSAR) Subsidence Data

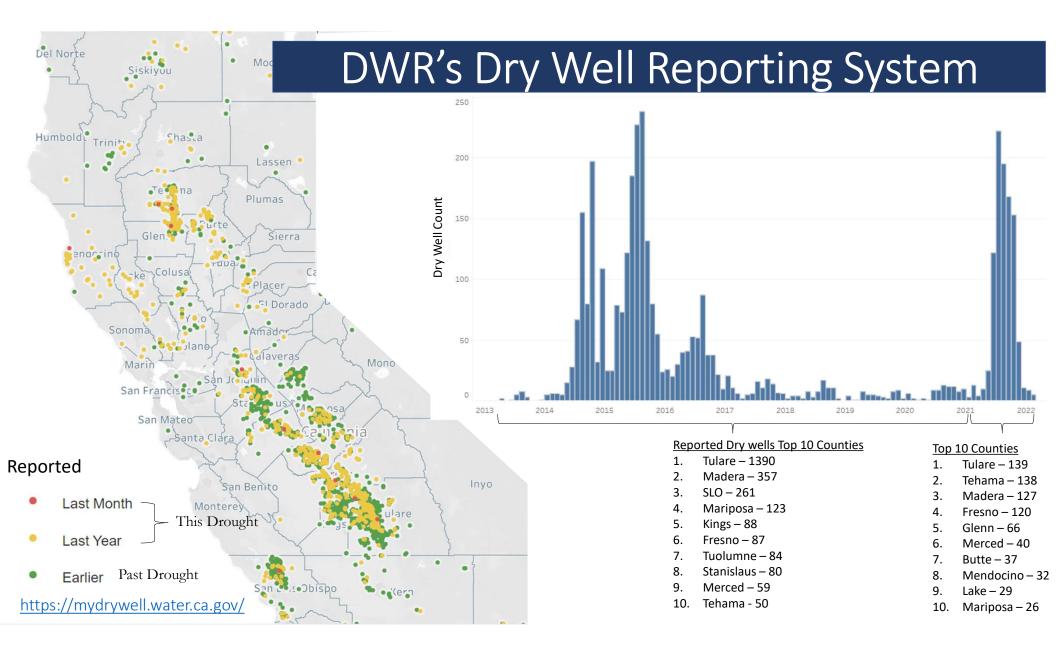


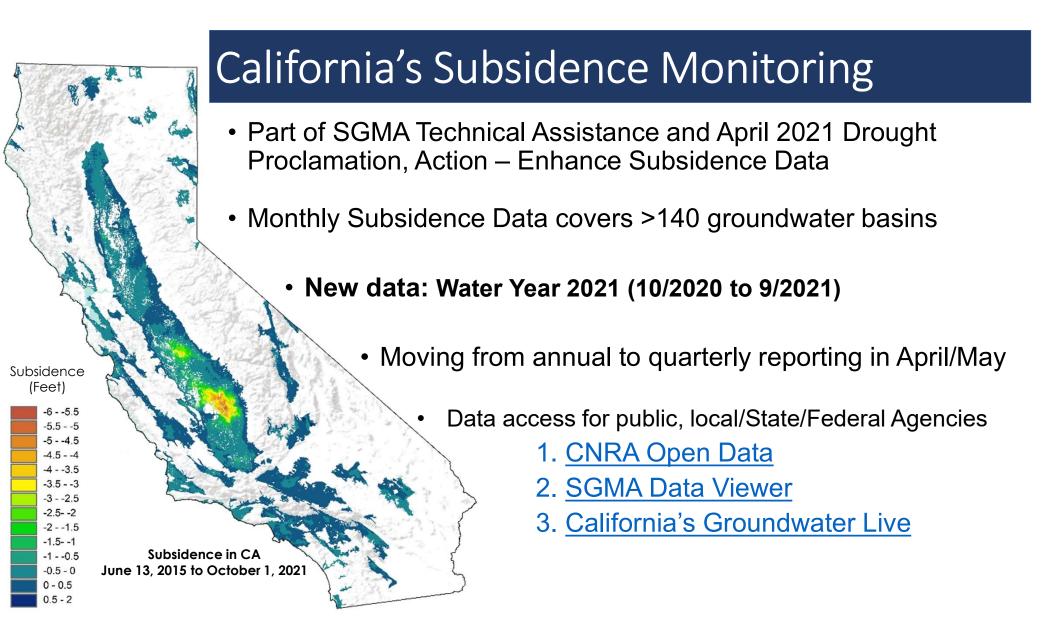


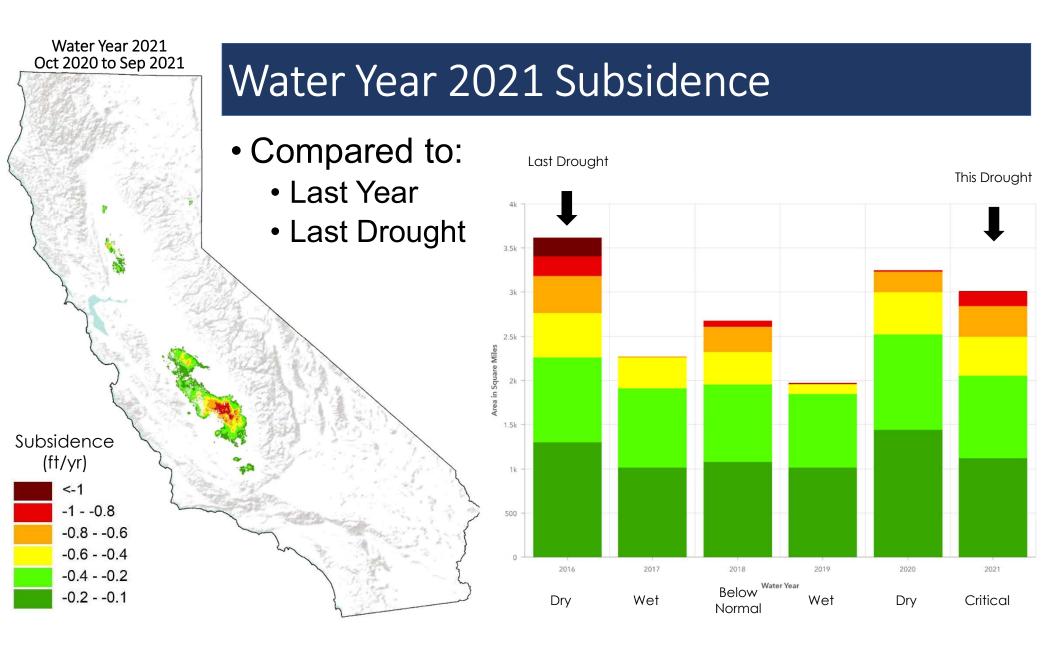
California's Groundwater Monitoring









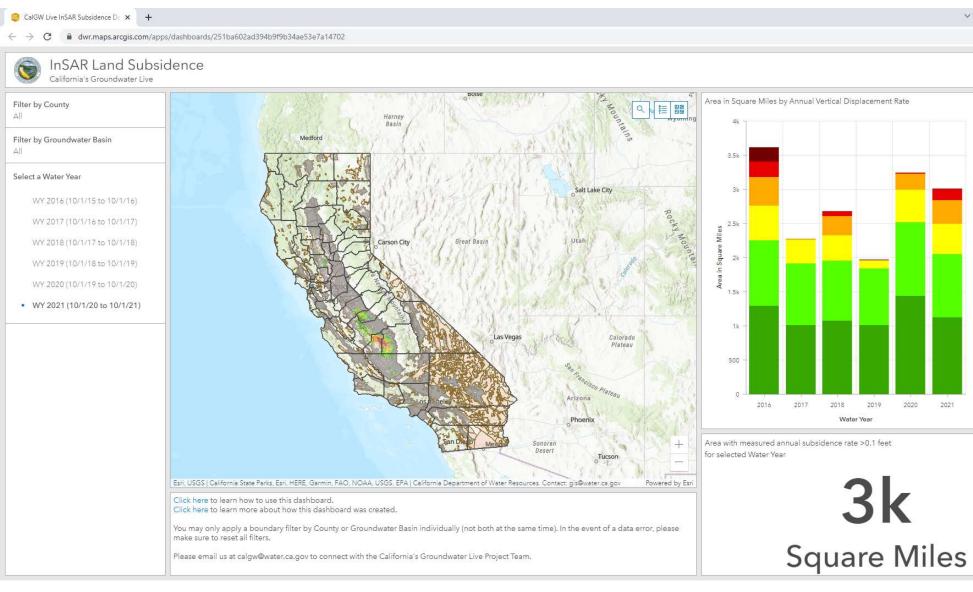


https://sgma.water.ca.gov/CalGWLive



Current Conditions Groundwater Levels Well Infrastructure Land Subsidence





- 0 ×

🔵 -0.2 to -0.1 ft

-0.4 to -0.2 ft

-0.6 to -0.4 ft

-0.8 to -0.6 ft

-1 to -0.8 ft

<-1 ft

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5.	CalGW Live	InSAR Subsidence Da	×	+
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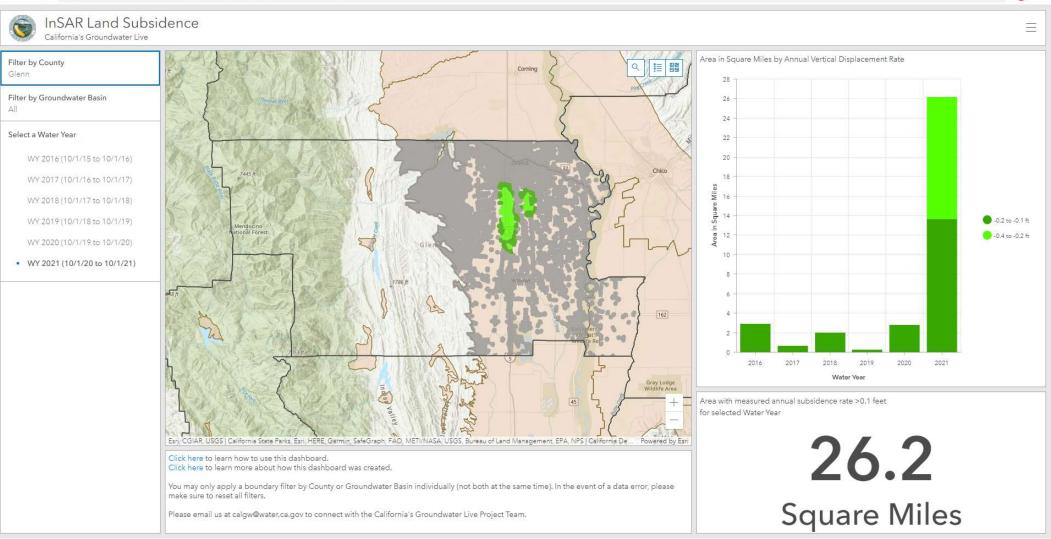


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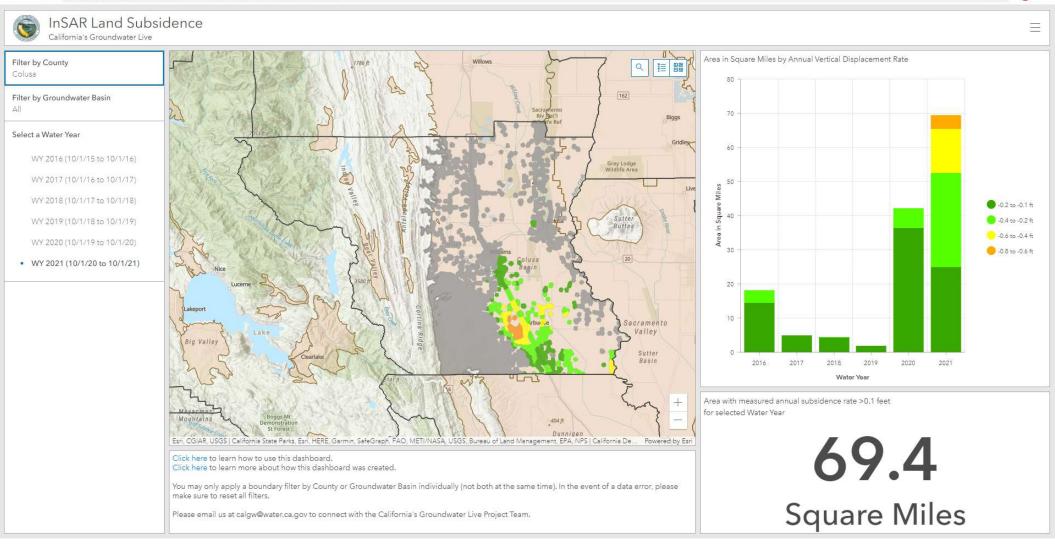


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Groundwater & Drought Resources

- DWR is supporting GSAs across the state that are implementing SGMA by providing <u>planning</u>, <u>technical</u> and <u>financial</u>
- DWR has developed a public awareness library with groundwater resources including a Groundwater 101 Video available in <u>English</u>, <u>Spanish</u>, <u>Punjabi</u>, and <u>Hmong</u>as well as an interactive Storymap called: <u>Groundwater: Understanding and Managing this Vital Resource</u>
- <u>California's Groundwater Live</u> website is an interactive mapping tool with the latest groundwater information and conditions to help inform projects and actions.
- DWR has a long history of data collection, monitoring and reporting, and these resources can be found on DWR's <u>Data and Tools website</u>.
- DWR launched the <u>MyDryWell Website</u> where private well owners can report water supply shortages and find resources for assistance and <u>Drought.Ca.Gov</u> for Statewide Drought Info.
- DWR, in coordination with the State Water Board, developed <u>Groundwater Management Principles</u> and <u>Strategies</u> that contain state actions to help proactively address drought impacts on drinking water wells.

Questions