

Informational Drought Meeting for County Executive Staff

State Water Board and
Department of Water
Resources (DWR)



May 26, 2022

Agenda

- **Opening remarks** – Karla Nemeth and Joaquin Esquivel
- **Dry well & groundwater tools for drought response and planning** – DWR
- **Financial assistance overview** – State Water Board & DWR
- **Coordination with county OES offices** – CalOES
- **Recent executive order provisions** – State Water Board & DWR
- **Upcoming SB 552 activities** – DWR
- Adjourn at 4:00pm

Logistics

- To ask a question: Use Q&A feature
- If you wish to speak, use the “Raise Hand” button
 - Participants will be invited to unmute once called upon
 - For phone callers: *9 to raise hand, *6 to speak
- Meeting is being recorded and will be available on the [Funding Solicitation page](#)

Dry Well & Groundwater Tools for Drought Response and Planning

Steven Springhorn, DWR
May 2022



Drought Management

– *Dry Well & Groundwater Tools & Assistance*

- Drought.ca.gov
- [Drinking Water Principles](#)
- [Drought Executive Orders](#)

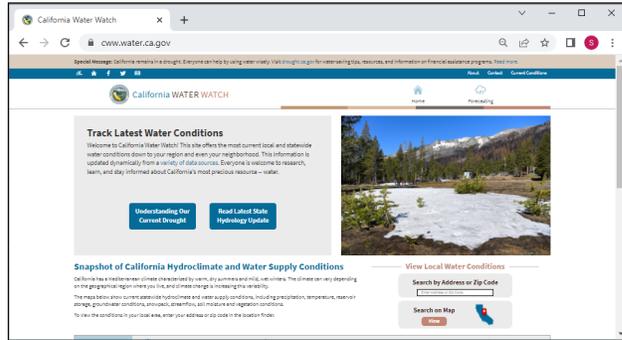
- [California Water Watch](#)
- [California Groundwater Live](#)
- [Dry Domestic Well Susceptibility](#)

- [Water Shortage Vulnerability](#)
- [Drought Planning \(SB 552\)](#)



- [Dry Well Reporting System](#)
- [Drought Assistance](#)

Drought Monitoring & Early Warning



1. California Water Watch - NEW

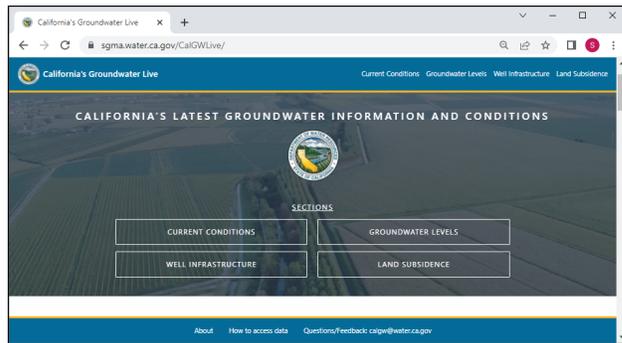
<https://cww.water.ca.gov/>

General Users

- **Statewide and Local (address) Water Conditions**
- **Drought Information**
- **Daily Updates**

Use Cases

- **Understand and Communicate Current and Changing Conditions (Statewide & Local)**



2. California's Groundwater Live - NEW

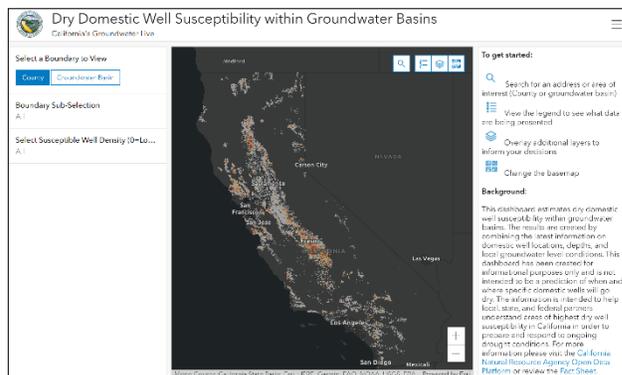
<https://sgma.water.ca.gov/CalGWLive/>

General Users

- **Search by County, GW Basin, Address**
- **Groundwater Levels, Wells, Subsidence**
- **Weekly Updates**

Use Cases

- **Executive Order Action 9 – Well Permitting**
- **Tracking Groundwater Conditions and Impacts**
- **Groundwater Sustainability Planning & Imp.**



3. Dry Domestic Well Susceptibility - NEW

<https://sgma.water.ca.gov/CalGWLive/#wells>

Dry Well Assistance Providers & Drought Planners

- **Search by County, GW Basin, Address**
- **Domestic Wells**
- **Recent Groundwater Level Trends**
- **Annual Updates**

Use Cases

- **Executive Order Action 9 – Well Permitting**
- **Drought Emergency Response – Dry Well Assistance**
- **Drought (SB 552) & Groundwater (SGMA) Planning**
- **Drinking Water Planning, Projects & Assistance**

Monitoring & Early Warning

— View Local Water Conditions —

Search by Address or Zip Code

Sacramento, CA

Search on Map

View



1. California Water Watch - NEW

<https://cww.water.ca.gov/>

General Users

- Statewide and Local (address) Water Conditions
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Use Cases

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Information About Your Watershed as of 05/24/2022

General Information

Location Information
 Latitude: 38.57944 Longitude: 121.49085
 Watershed: Lower Sacramento
 County: Sacramento
 Hydrologic Region: Sacramento River

Water Agency Information
 Local Water Agency: Sacramento City Of - Water
 Groundwater Sustainability Agency (GSA): Sacramento Central Groundwater Authority GSA - 1

Precipitation Statistics (period of record: 1981-current)

Lower Sacramento Watershed as of 05/24/2022
 Water Year to Date: 16.26"
 % of Average: 83%
 Precipitation % of average for full water year through September 30th: 80%

Historical Record to Date:
 Max: 38.16"
 Mean: 19.67"
 Min: 6.78"

Annual Precipitation Accumulation (period of record: 1981-current)

Lower Sacramento Watershed as of 05/24/2022

Annual Accumulated Precipitation (Inches)

— Current — Average

Temperature Statistics (period of record: 1981-current)

Lower Sacramento Watershed as of 05/24/2022
 Mean Temp: 74.59 °F
 % of Average: 111%

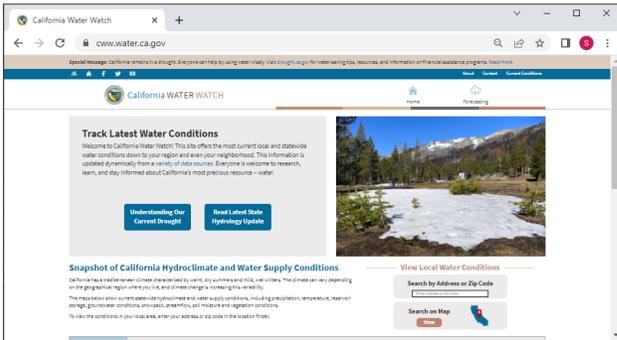
Historical Record:
 Max: 80.3 °F
 Mean: 67.31 °F
 Min: 57.29 °F

Mean Temperature (period of record: 1981-current)

Lower Sacramento Watershed as of 05/24/2022

Temperature (°F)

— Min — Max — Average — 2021-2022



PRECIPITATION TEMPERATURE RESERVOIRS SNOWPACK GROUNDWATER STREAMFLOW SOIL MOISTURE VEGETATION CONDITIONS

Precipitation as of 05/24/2022

California's annual precipitation can vary greatly from year to year and region to region. The map of California shows how this water year's precipitation compares to what has been observed historically. The chart below provides a summary of California's current statewide precipitation statistics.

Precipitation Statistics (period of record: 1981-current)

Statewide as of 05/24/2022
 Water Year to Date: 16.02"
 % of Average: 73%
 Precipitation % of average for full water year through September 30th: 68%

Historical Record to Date:
 Max: 39.71"
 Mean: 22"
 Min: 11.02"

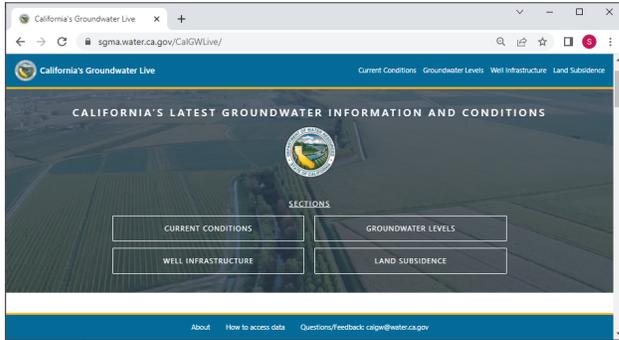
Precipitation for water year to date is 73% of historical average

Water Year to Date Precipitation Percentage of Average (%)

- >200
- 180-200
- 160-180
- 140-160
- 120-140
- 100-120
- 80-100
- 60-80
- 40-60
- 20-40
- 0-20
- No data found

Get More Data

Monitoring & Early Warning



2. California's Groundwater Live - NEW

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

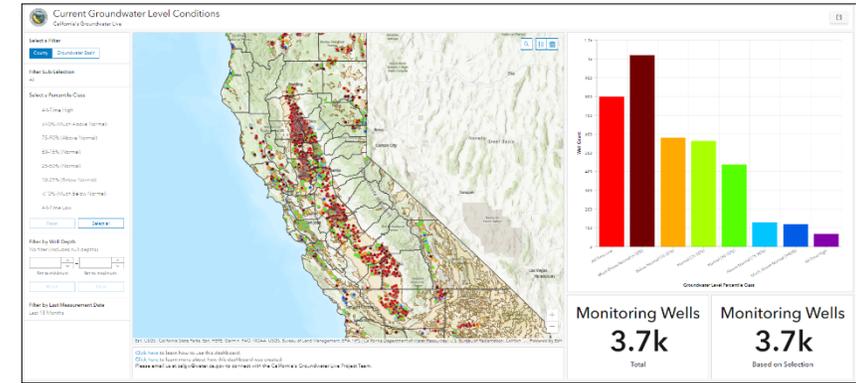
General Users

- Search by County, GW Basin, Address
- Groundwater Levels, Wells, Subsidence
- Weekly Updates

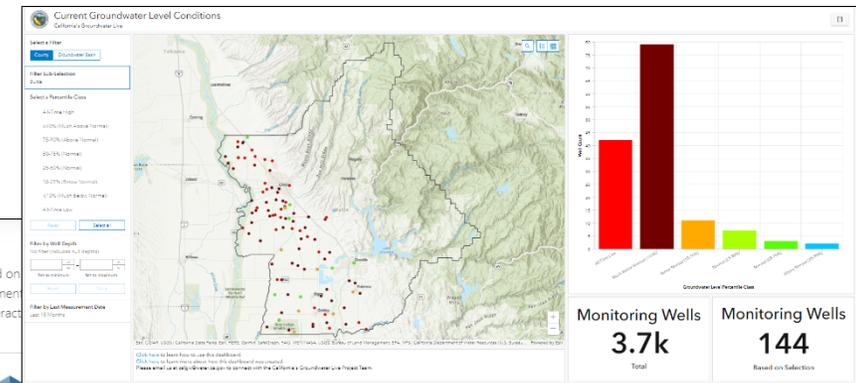
Use Cases

- Executive Order Action 9 – Well Permitting
- Tracking Groundwater Conditions and Impacts
- Groundwater Sustainability Planning & Imp.

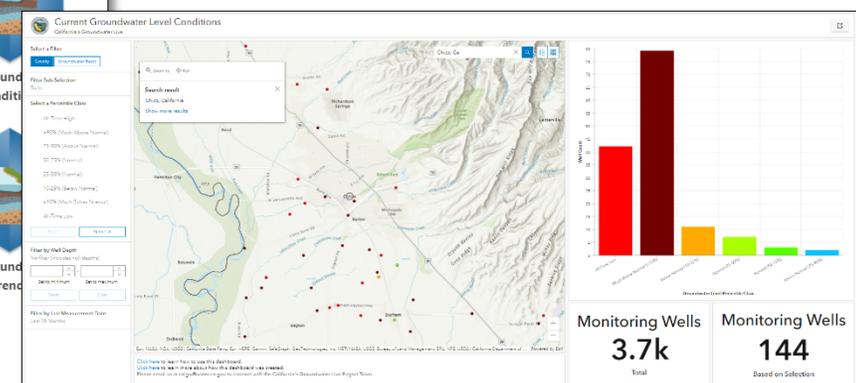
Statewide



County or GW Basin



Address



Current Groundwater Conditions

Groundwater is a vital resource in California. It sustains our ecosystems, supports our agriculture, fuels our economy, quenches our thirst, and reduces the impacts of drought and our changing climate. Groundwater accounts for 40 percent of the State's total annual water supply in normal years and almost 60 percent in drought years. This is why the California Department of Water Resources (DWR) is committed to protecting this precious resource and has developed California's Groundwater Live in conjunction with the public release of [California's Groundwater Update 2020](#). We welcome you to explore our newest groundwater tool which features the latest groundwater information, live statistics and a series of interactive dashboards that can be accessed by clicking the icons below.

Monitoring Wells
Below Normal Level

65%

Monitoring Wells
at Normal Level

27%

Monitoring Wells
Above Normal Level

8%

These numbers are calculated from combining All-Time High, Above Normal, Normal, Below Normal and All-Time Low categories in the Current Groundwater Level Conditions dashboard below. [Learn more about the calculations](#)

Statewide Water Conditions

[Current Conditions](#)

Reservoir Conditions

[Reservoir Conditions](#)

Drought Status

[California Drought Action](#)

Disclaimer: This webpage includes a series of groundwater data summaries and interactive dashboards based on publicly available information that are designed for informational purposes only. These resources are not intended for regulatory purposes as part of the Sustainable Groundwater Management Act. The Department of Water Resources makes no warranties, representations or guarantees, either expressed or implied, as to the accuracy, completeness, correctness, or timeliness of the information that is accessible through California's Groundwater Live, nor accepts or assumes any liability arising from use of California's Groundwater Live or underlying data.

Current Groundwater Level Information

This section includes the latest groundwater level information from throughout California. Information for groundwater levels is based on groundwater level database, which includes all groundwater level measurements collected for the Sustainable Groundwater Management and the California Statewide Groundwater Elevation Monitoring (CASGEM) programs. Click on the links below to explore the four interactive dashboards, that detail California's well infrastructure

Map of Current Groundwater Conditions Based on Historical Averages

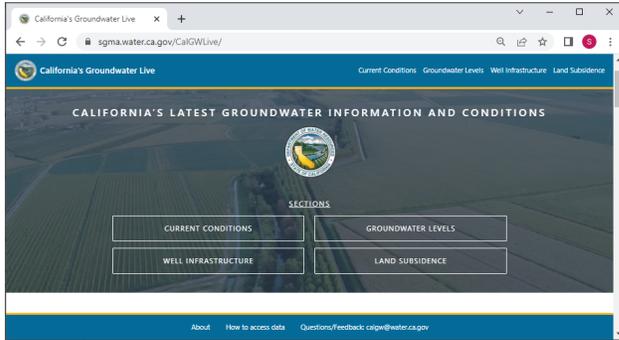
Current Groundwater Levels

Seasonal Groundwater Level Changes (1, 3, 5, 10 years)

Current Groundwater Conditions

20-Year Groundwater Trend

Monitoring & Early Warning



2. California's Groundwater Live - NEW

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

General Users

- Search by County, GW Basin, Address
- Groundwater Levels, Wells, Subsidence
- Weekly Updates

Use Cases

- Executive Order Action 9 – Well Permitting
- Tracking Groundwater Conditions and Impacts
- Groundwater Sustainability Planning & Imp.

Current Well Infrastructure Information

This section includes the latest information on the well infrastructure in California. Information for domestic and irrigation wells are based on DWR's Online System for Well Completion Reports (OSWCR) and information for public supply wells is based on data from the State Water Resource Control's Division of Drinking Water. Click on the links below to explore the four interactive and user-friendly dashboards, that detail California's well infrastructure.



273,441 Total
869 WCRs
Received Year to Date



59,361 Total
417 WCRs
Received Year to Date



14,175 Total
Active
Public Supply Wells



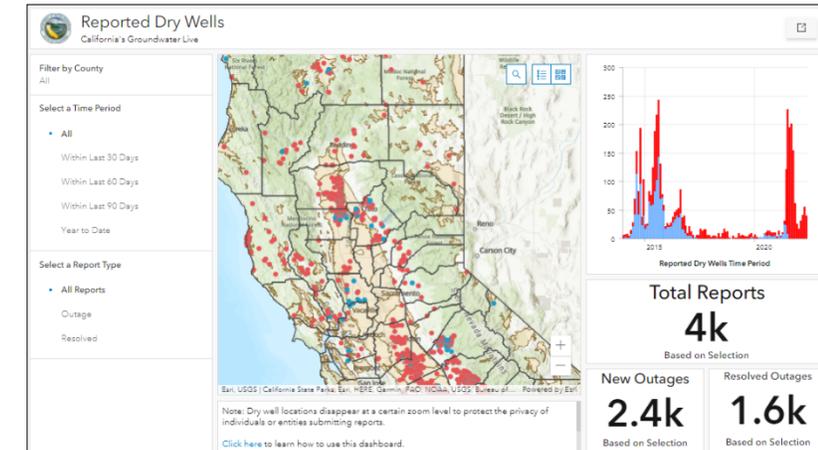
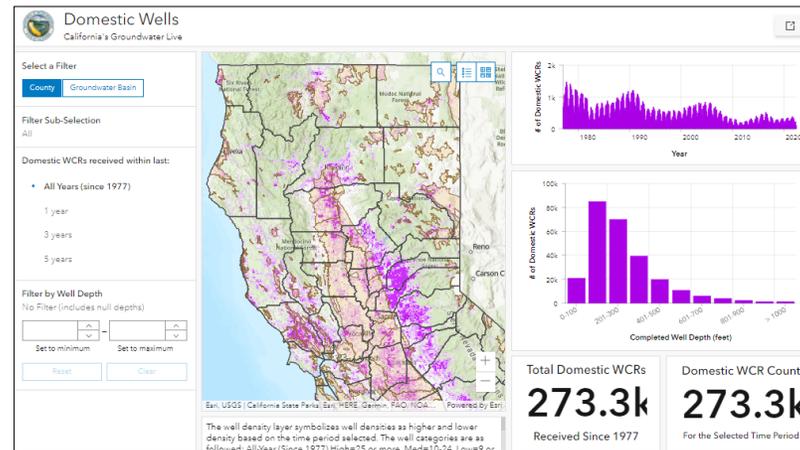
219 in 2022
92 Reported
In the last 30 Days

Explore [Dry Domestic Well Susceptibility](#) within Groundwater Basins

Irrigation Wells

Domestic Wells

Reported Dry Wells



Monitoring & Early Warning

[Dry well susceptibility fact sheet](#)



3. Dry Domestic Well Susceptibility - NEW

<https://sgma.water.ca.gov/CalGWLive/#wells>

Dry Well Assistance Providers & Drought Planning

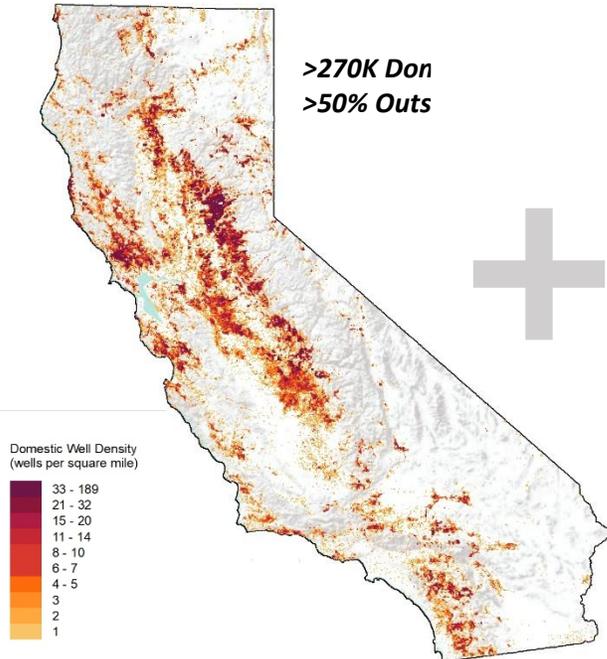
- Search by County, GW Basin, Address
- Domestic Wells
- Recent Groundwater Level Trends
- Annual Updates

Use Cases

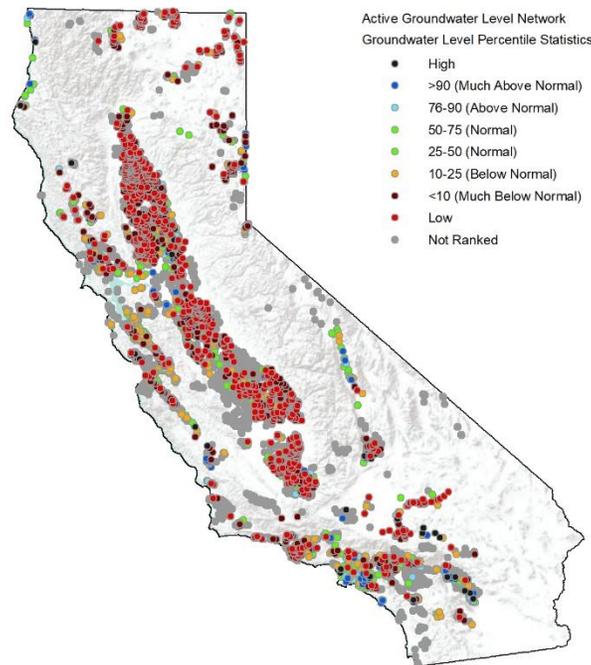
- Executive Order Action 9 – Well Permitting
- Drought Emergency Response – Dry Well Assistance
- Drought (SB 552) & Groundwater (SGMA) Planning
- Drinking Water Planning, Projects & Assistance

Domestic Well Density

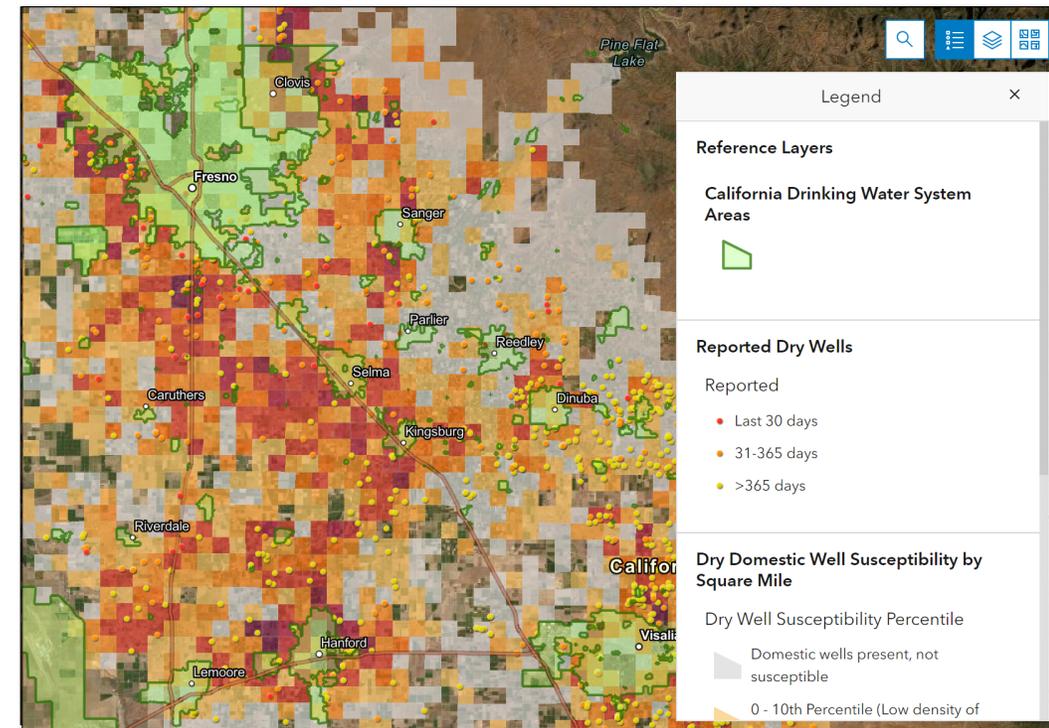
>270K Don
>50% Outs



Groundwater Trends



Dry Domestic Well Susceptibility



Mitigation, Preparedness & Response

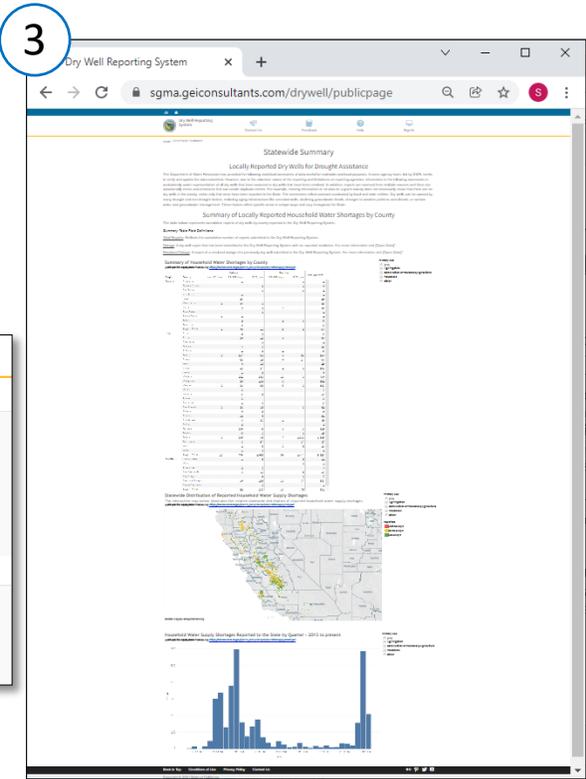
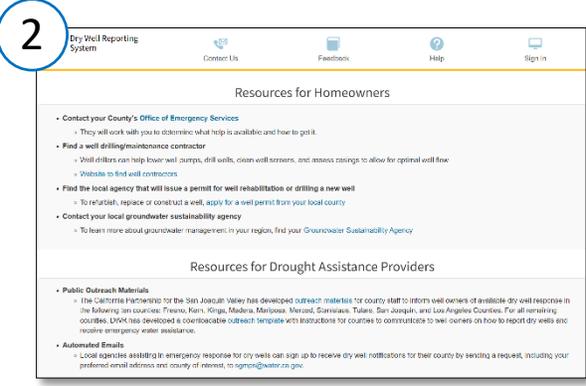
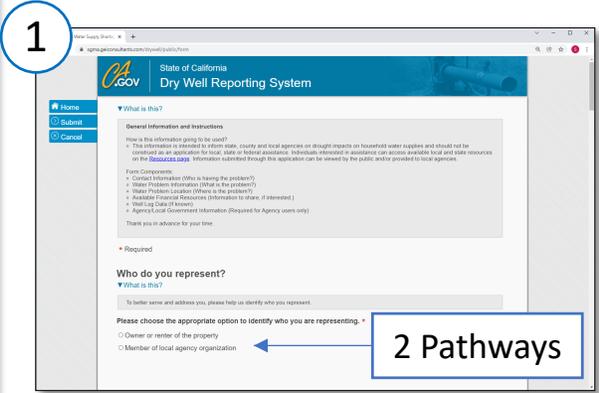
➤ DWR's Dry Well Reporting System

<https://mydrywell.water.ca.gov/>

Enhanced Site – Live Now

Public User (English & Spanish) - No Sign-in Required

1. Submit Dry Well/Resolved Report
2. Resources for Homeowners & Counties
3. State/County Data Summaries



Updated Dry Well Reporting System

➤ DWR's Dry Well Reporting System

<https://mydrywell.water.ca.gov/>

Enhanced Site – Live Now

Enhancements & Outreach

1. Improved Data Entry/Reporting
2. Improved notification tools for signed-in users
 - Interested parties can be notified when a dry well is reported in their county
3. Connecting dry well owners to local assistance providers

- DWR is coordinating with
 - State Water Board, CalOES
 - Dry Well Assistance Providers (Currently Covering 26 Counties - 90% of dry well reports)
 - Counties
 - NGOs - Self Help Enterprises

➤ For more information, email sgmps@water.ca.gov

Has your well gone dry?
Report it here to inform state and local agencies on drought impacts

Report your Dry Well and Find Resources Here
This site is for Californians experiencing problems with their private (self-managed) wells (not for residents served by a public water system already regulated by the State). Report your dry well in a few steps and find available resources.

Submit Report Enviar Reporte Resources

Tracking Dry Wells in CA
Updated May 25, 2022

Dry Wells Reported - Last 30 Day 92 Reported -> a 100% increase (previous 30 days)	Dry Wells Reported - Year to Date 216 Reported -> a 79% decrease (from last year)	Dry Wells Reported - Since 2015 4,046 Reported (in 2015)
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Statewide Summary Statewide Data

How is this information going to be used?
Information added to this site is intended to inform state and local agencies on drought impacts on household and certain agricultural water supplies. Collection of data is not to be construed as application for local, state or federal assistance. Individuals interested in assistance should visit the State's Drought Assistance web page. Information submitted through this site, except well owner name, contact information and personal address, will be visible to the public.

Data Collection Entails:

- Contact information for a household experiencing a dry well, in order to connect with local and state assistance providers
- Water shortage issue and location
- Well log data (optional)
- Reporting agency or local government information

Drought & Groundwater-related Resources

State of California Drought website – please visit: drought.ca.gov

Drought Data & Forecasting Information:

- DWR’s California Water Watch: cww.water.ca.gov
- DWR’s California’s Groundwater Live: sgma.water.ca.gov/CalGWLIVE
- DWR/Board Dry Domestic Well Susceptibility: sgma.water.ca.gov/CalGWLIVE/#wells

How to Report a Dry Well to the State: mydrywell.water.ca.gov

[Drinking Water Well Principles and Strategies framework](#) (2021)

- Drinking Water Well Guidance for Groundwater Sustainability Agencies (currently under development, coming Summer 2022)

How to find:

- [Your County Drought Emergency Contact](#)
- [Your Groundwater Sustainability Agency](#)
- [Long-term Groundwater Sustainability Plans](#)

DWR Drought Funding:

- [Small Community Drought Relief Funding](#)
- [Urban and Multi-Benefit Drought Relief Funding](#)
- Drought Funding Project [interactive dashboard](#)

[Free Leak Detection Program](#) for Small Water Systems and Tribes through the California Rural Water Association

Small Water Systems & Counties implementing Drought Planning Efforts (2021): [SB 552 Program](#)

[Water Shortage Risk Explorer Tool for Rural Communities and Small Water Suppliers](#)



Informational Drought Meeting for County Executive Staff

Countywide and Regional Funding Program

Meghan Tosney, State Water Board
Division of Financial Assistance



May 26, 2022

Agenda

- Current Regional Programs
- Funding Status of Priority Counties
- Program Eligibilities
- Next Steps for Counties
- Links and Resources

Current Regional Programs Available to Respond to Drought

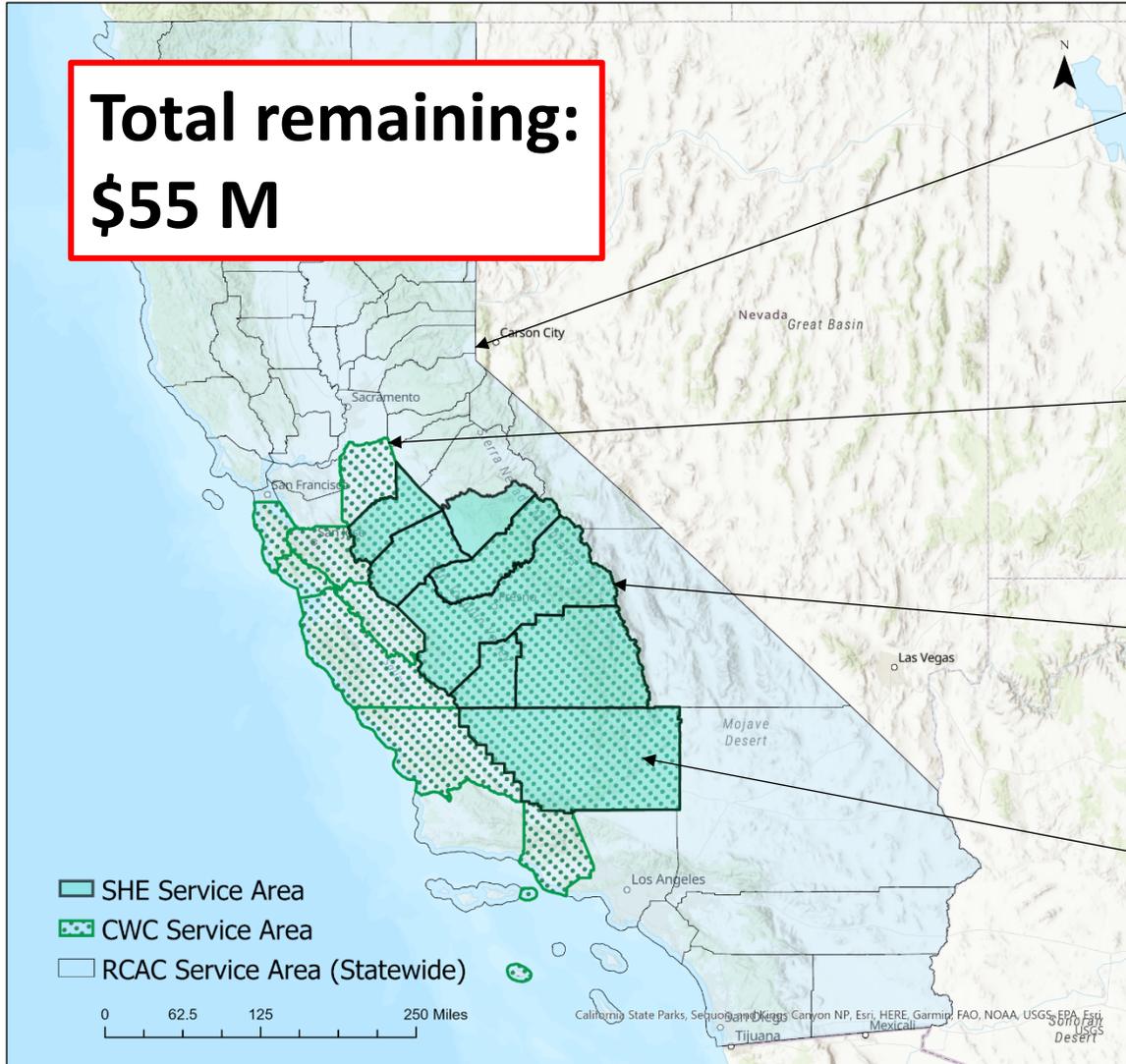
**Total remaining:
\$55 M**

Rural Community Assistance Corporation (RCAC)
Bottled Water (schools), Well Repair and Replacement
Funding Remaining: \$4.7 M

Community Water Center (CWC): Bottled Water
Funding Remaining: \$1.1 M

Self-Help Enterprises (SHE): Well Repair and Replacement, Bottled Water, Hauled Water and Tanks, Well Testing, POU/POEs
Funding Remaining: \$48.3 M

Tulare County: Bottled Water
Funding Remaining: \$900 K



Priority Counties

County	Current County/Regional Funding Program in Place?
Butte	Yes - DWR funding for water hauling
Fresno	Yes - Covered by Self-Help Enterprises Program
Glenn	Yes - DWR funding for water hauling
Lake	No – State Water Board staff have started discussions with the county to apply
Madera	Yes - Covered by Self-Help Enterprises Program
Mendocino	Yes - DWR funding for water hauling
Merced	Yes - Covered by Self-Help Enterprises Program
San Joaquin	No – Self-Help Enterprises in the process of extending services to this area
Shasta	No - County submitted an application that is under review by State Water Board
Siskiyou	No – State Water Board staff have started discussions with the county to apply
Sonoma	No -State Water Board staff have started discussions with the county to apply
Tehama	No -State Water Board staff have started discussions with the county to apply
Tulare	Yes - Covered by Self-Help Enterprises/Tulare County Programs
San Luis obispo	No -State Water Board staff have started discussions with the county to apply
Tuolumne	No - State Water Board staff have started discussions with the county to apply

Target Scope for Regional Programs

- Assessment
 - Community outreach
 - Domestic well testing
- Interim solutions
 - Bottled water
 - Tanks and hauled water
 - Kiosk filling stations
 - Point of Use/Point of Entry (POU/POE) installation and maintenance
- Long-Term Solutions
 - Well repairs and/or replacements
 - Limited-scale consolidation (such as laterals, above ground interties)
 - POU/POE installation and maintenance, in some cases

Targeted Recipients for Regional Programs

- **Eligible Grant Recipients:**

- Counties
- 501(c)(3) Non-Profit organization on behalf of one or more counties
- Other public agency on behalf of one or more counties

- **Grant Recipients provide assistance to:**

- State smalls (<15 connections) serving a DAC
- Domestic wells (<5 connections) serving low-income households
- Some services can be potentially provided regardless of income:
 - Well sampling
 - Bottled and hauled water for emergency drought response while longer-term solutions are implemented

Next Step for Counties or Partner Entities

- Review Application and Funding Process Overview document on our webpage: [County-wide and Regional Funding Programs | California State Water Resources Control Board](#)
- Prepare and submit application through [FAAST - Financial Assistance Application Submittal Tool](#)
- Once all necessary information is submitted, State Water Board staff will send a funding recommendation to the DFA Deputy Director for approval
- If funding is approved, the recipient may start implementing the program and costs may start being incurred, however a grant agreement must be negotiated and executed before reimbursements can be issued

Contacts

State Water Board Division of Financial Assistance Drought/Emergency Funding and County-wide/Regional Funding Program

Contact: Matt Pavelchik

Email: Matthew.Pavelchik@waterboards.ca.gov

Phone: 916-323-0624

Website: [County-wide and Regional Funding Programs | California State Water Resources Control Board](#)

Other Relevant State Water Board Assistance Programs

Technical Assistance (TA) Program

- Third party providers can help with developing long term solutions, particularly in areas where domestic wells can potentially be consolidated into existing water system
- Assistance can include for example: project scoping, engineering, and environmental analysis, legal assistance, consolidation, funding application preparation, etc.
- To request, contact DFA-TArequest@waterboards.ca.gov

Long-Term Solution Funding

- State Water Board also has grants and loans for planning and construction available through the Drinking Water State Revolving Fund and the Safe and Affordable Funding for Equity and Resilience (SAFER) Programs
- Funding could potentially help communities implement consolidation or other long-term solutions
- To apply, visit our webpages:
 - [Drinking Water - Funding - DWSRF | California State Water Resources Control Board](#)
 - [Office of Sustainable Water Solutions | California State Water Resources Control Board](#)

General Drought Resources

- [DFA Drought Funding Webpage](#)
- [Urgent Drinking Water Needs Webpage and Mapping Tool](#)
- [DWR My Dry Well Reporting Tool](#)
- [DWR Small Community Drought Funding](#)
- [California Water Watch](#)

Questions?



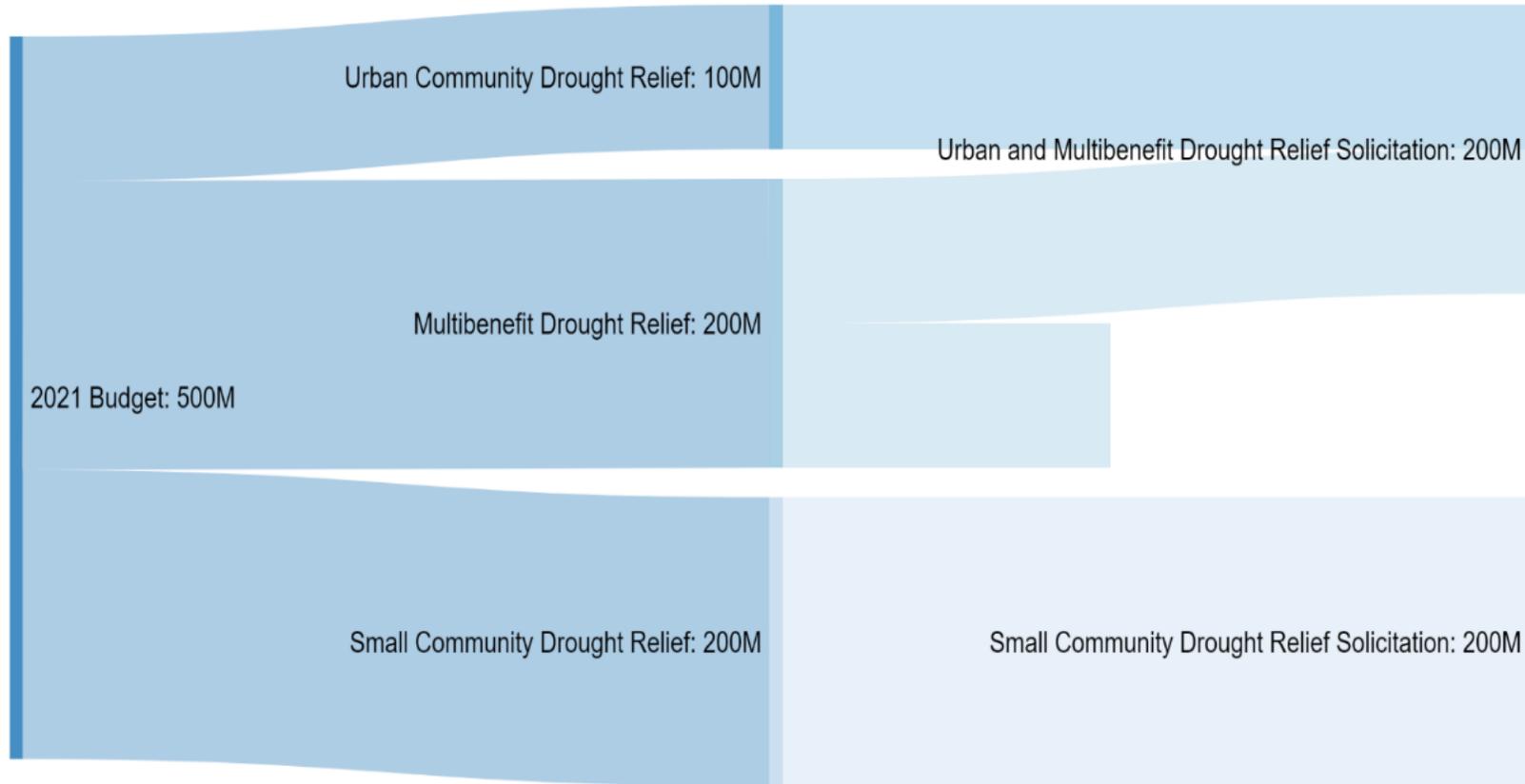
DWR Drought Relief Programs

Update of May 26, 2022

Art Hinojosa, DWR



Funding Overview



Proposed 2022 Budget

\$200M Drought Relief
\$75M Water Conservation

\$15M County Drought Planning
\$75M Turf Replacement

\$100M Drought Relief
+ \$21M for Tanks & Hauling
\$25M Water Conservation



2021 Small Community Drought Relief Program Objectives

Provide immediate and near-term financial and technical support to help small communities survive this and future droughts

Allows for immediate and temporary measures:

- Hauled water
- Temporary community water tanks
- Bottled water
- Water vending machines
- Emergency water interties

Implement near-term and resilient infrastructure projects:

- Reliable water supply sources
- Water system storage
- Replace aging and leaking pipelines
- Backup power sources for system operation



2021 Urban & Multibenefit Drought Relief Program Objectives

Provide for interim and immediate drought relief to communities that face the loss or contamination of their water supplies, to address immediate impacts on human health and safety, and to protect fish and wildlife resources.

Allows for immediate and temporary measures:

- Temporary community water tanks
- Bottled water
- Water vending machines
- Hauled water
- Emergency water interties
- New wells or rehabilitation of existing wells
- Construction or installation of permanent connections to adjacent water systems, recycled water projects that provide immediate relief to potable water supplies, **and other projects that support immediate drought response**
- Fish and wildlife rescue, protection, and relocation.



2021 Drought Relief Program Eligible Applicants

- Public agencies (e.g., Counties, cities)
- Public utilities
- Special districts (e.g., school districts, community service districts, irrigation districts, flood control districts, reclamation districts)
- Colleges and universities
- Mutual water companies
- Nonprofit organizations
- Federally recognized Indian tribes
- State Indian tribes listed on the Native American Heritage Commission's California Tribal Consultation List
- Regional water management groups (urban/MB only)



2021 Drought Relief Program Eligible Costs ^{*see Guidelines for specifics}



Reasonable cost of studies



Engineering



Design



Project construction



Other work directly related to
project



2021 Urban and Multibenefit Drought Relief Grants:

- Projects must be complete by 2026
- Priorities for Awards:
 - Emergency Projects
 - Projects with completed permitting, planning, and CEQA
- Advanced Pay of up to 25% if a grantee has cash flow issues
- CEQA has been waived for DWR (no concurrence!)
- Disadvantaged Community Involvement Program Set-Aside
 - Proposed \$50 M set-aside per existing IRWM Funding Area agreement

2021 Small Community Drought Relief Grants:

- First come first serve through 2023
- Small Communities are those not supplied by an Urban Water Supplier (one with 3000 connections or more)
- Projects closely coordinated with the State Water Resources Control Board



Resources

Main Drought Webpage: <https://drought.ca.gov/>

CA Water Watch: <https://cww.water.ca.gov/>

County Drought and Water Shortage Planning Assistance Program ([survey](#))

Small Community Drought Relief Program

Email: SmallCommunityDrought@water.ca.gov

Urban and Multibenefit Drought Relief Program

Email: urbandrought@water.ca.gov





CalOES and CDAA Drought Funding

Ryan Buras, CalOES
Robert Troy, CalOES

May 26th, 2022

Gubernatorial State of Emergency

On October 19, 2021, the Governor expanded the statewide drought emergency to include all 58 counties and to make **temporary emergency water supply and delivery for drinking water or water for sanitation purposes** available as appropriate

10. The California Department of Food and Agriculture, in collaboration with other relevant state agencies, shall evaluate water efficiency measures implemented in California agriculture over the past several years and develop a report with recommendations on how to further increase efficiencies.

11. The Office of Emergency Services shall provide assistance under the authority of the California Disaster Assistance Act, Government Code section 8680 et seq., and California Code of Regulations, title 19, section 2900 et seq., as appropriate to provide for, or in support of, the temporary emergency supply, delivery, or both of drinking water or water for sanitation purposes.

12. For purposes of carrying out or approving any actions contemplated by the directives in operative paragraphs 5, 6, and 9, the environmental review by state agencies required by the California Environmental Quality Act in Public Resources Code, Division 13 (commencing with Section 21000) and regulations adopted pursuant to that Division are hereby suspended to the extent necessary to address the impacts of the drought.

Drought Request Process



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Local Jurisdiction needs temporary emergency supply, delivery, or both of drinking water or water for sanitation purposes



Local Jurisdiction seeks funding available through Department of Water Resources (DWR), State Water Resources Control Board (SWRCB)



If no funding through DWR and SWRCB, resource requests submitted through the State Operations Center (SOC), can be fulfilled with approval of the Department of Finance (DOF)



If no approval through SOC and DOF resource requests, Local Jurisdiction uses local funding/resources to meet need and submits Initial Damage Estimate with costs and request for potential California Disaster Assistance Act (CDAA) reimbursement to Cal OES Recovery



Recovery prepares Issue Brief for Cal OES Director review and decision



Recovery notifies Local Jurisdiction of CDAA reimbursement request determination

Executive Order N-10-21

Eligible Costs for Counties, Cities, Special Districts, and Private Non-Profits:

- Temporary emergency water supply and delivery for drinking water
- Emergency water supplies for sanitation

Non-Eligible Costs:

- Income, fee, revenues, wages, or rents lost or voluntarily waived
- Activities or costs associated with permanent work
- Distribution of water to businesses

A Resource Request via State Operations Center (SOC) may be submitted but is subject to approval by the Department of Finance (DOF) after it is determined funding through Department of Water Resources (DWR) or State Water Resources Control Board (SWRCB) is not available

Submit Initial Damage Estimate (IDE) with actual costs and a request for CDAA reimbursement to Cal OES

For the local jurisdiction to be reimbursed for eligible costs under CDAA for EO N-10-21, the local jurisdiction must first identify to Cal OES the local needs and a water distribution plan for the impacted jurisdiction.

Contact Information

Ryan Buras

Ryan.Buras@CalOES.ca.gov

Robert Troy

Robert.Troy@CalOES.ca.gov

Drought Well Permitting Requirements

Executive Order N-7-22, Action 9

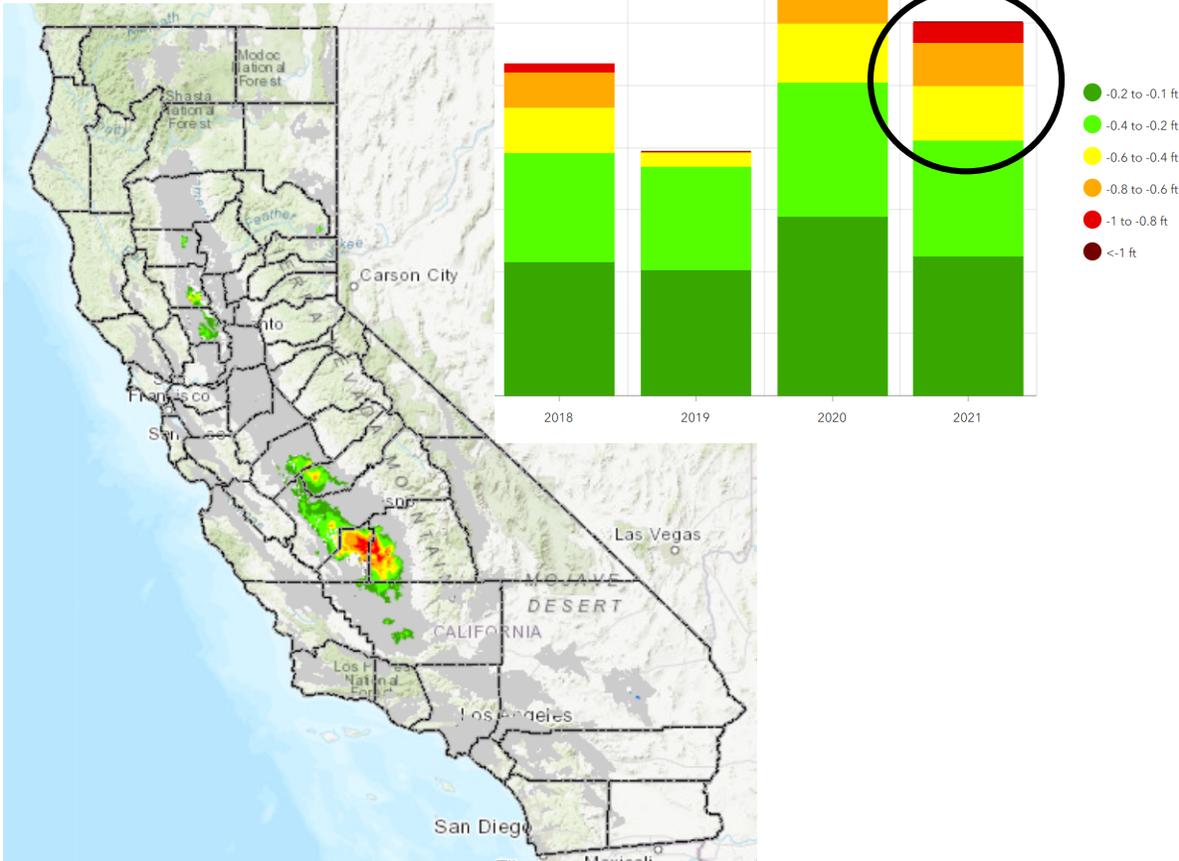
Paul Gosselin, DWR



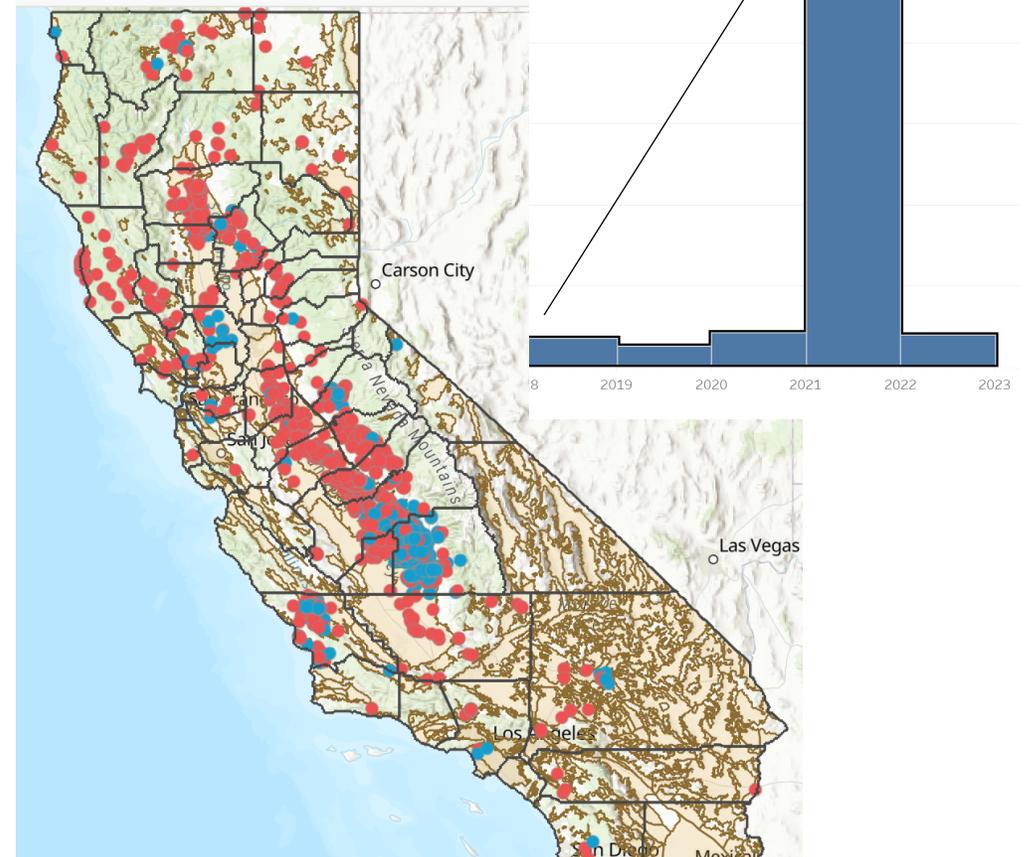
May 2022

Historic Drought Conditions

Land Subsidence



Dry Wells Reported



Drought Executive Order N-7-22

Excerpt of Action 9 from Drought Executive Order:

9. To protect health, safety, and the environment during this drought emergency, a county, city, or other public agency shall not:

a. Approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to the Sustainable Groundwater Management Act and classified as medium- or high-priority without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan; or

b. Issue a permit for a new groundwater well or for alteration of an existing well without first determining that extraction of groundwater from the proposed well is (1) not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure.

This paragraph shall not apply to permits for wells that will provide less than two acre-feet per year of groundwater for individual domestic users, or that will exclusively provide groundwater to public water supply systems as defined in section 116275 of the Health and Safety Code.

Drought EO N-7-22: Action 9

For new wells or alterations to existing wells*

9a. Consultation with the GSAs, Prior to Approving a Well Permit

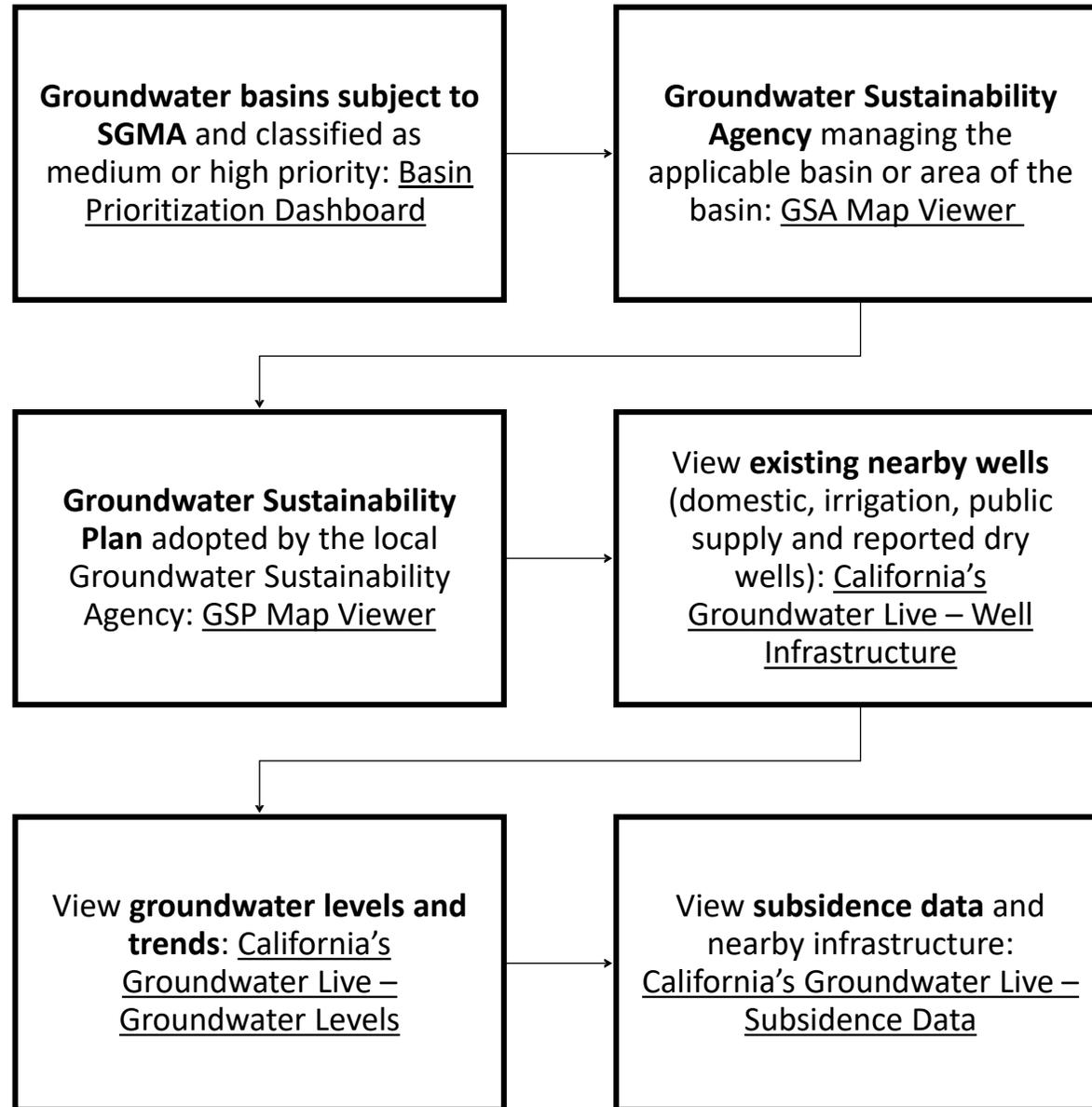
- In high and medium priority basins, where there is a GSA and GSP
- Obtain written verification from the GSA
- Consistency with GSP & sustainability goals

9b. Permit Evaluation, Prior to Issuing a Well Permit

1. Not likely to interfere with production and functioning of existing nearby wells
2. Not likely to cause adverse subsidence impact or damage nearby infrastructure

**excluding individual domestic wells who use less than two acre-feet per year and public water system supply who rely exclusively on groundwater wells*

Available State Resources



Closing

- For questions, please contact: SGMPS@water.ca.gov
- More information and Q&A Webinar Recording are available on DWR's Drought website: <https://water.ca.gov/water-basics/drought>
 - *(under the 'Drought Well Permitting Requirement' accordion dropdown menu)*



DDW Drought Response

Eric Zúñiga, Division of Drinking Water

Drought Response – Water Hauling

Although not appropriate as a long-term source of water for a public water system, hauled water is a necessary part of providing water for dry domestic wells and state small water systems during emergency response.

Hauled water is reimbursed if you have a county regional hauling program in place with the State. 17 counties currently covered and counting.

Keep track of your Emergency Response expenses due to drought so that we can track financial drought impacts.

March 28, 2022: Governor issued an Executive Order with Directive 7 related to hauled water.

Drought Response – Water Hauling

To facilitate the hauling of water for domestic use by local communities and domestic water users threatened with the loss of water supply or degraded water quality resulting from drought, any ordinance, regulation, prohibition, policy, or requirement of any kind adopted by a public agency that prohibits the hauling of water out of the water's basin of origin or a public agency's jurisdiction is hereby suspended.

Drought Response – Water Hauling

The suspension authorized pursuant to this paragraph shall be limited to the hauling of water by truck or bottle to be used for human consumption, cooking, or sanitation in communities or residences threatened with the loss of affordable safe drinking water.

Nothing in this paragraph limits any public health or safety requirement to ensure the safety of hauled water.



Any Questions?

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SB 552 Summary: New Drought and Water Shortage Planning Requirements

Small Water Suppliers*

- 1,000-2,999 connections + schools: Water shortage contingency plan (by July 2023)
- <1,000 connections: Drought assessment/element for 15-999 connections into Emergency Response Plan or Emergency Notification Plan
- All Small Suppliers: Supply conditions & production annual reporting
- All Small Suppliers: Drought resiliency standards – infrastructure upgrades

Counties

- Create a standing County Drought & Water Shortage Task Force for state smalls and domestic wells (or similar alternative)
- Develop Water Shortage Plan (and assessment) for state smalls and domestic wells in the county (or similar alternative)

State

- Water Shortage Vulnerability Tool (small suppliers, private supplied homes and state small systems 5-15 connections)
- Establish Standing Interagency Drought & Water Shortage Task Force (with local government and stakeholder membership)

*Includes water suppliers serving less than 3,000 connections and 3,000 Acre Feet. Includes non-transient, non-community water systems serving schools; excludes those covered under current Urban Water Management Plan



SB 552 - Water Shortage Planning Requirements

Counties

- Create a standing County Drought & Water Shortage Task Force for state smalls and domestic wells (or similar alternative)
- Develop a Water Shortage Plan (to includes a water shortage risk assessment and proposed interim and long-term solutions) for state smalls and domestic wells in the county (or similar alternative)

Purpose: To facilitate drought and water shortage preparedness for state small water systems and domestic wells within the county's jurisdiction

Flexible format: Stand alone or integrated as part of other efforts and county plans



State Support to Counties with SB 552



State
Activities

- Data
- Interactive tools
- Training
- *Direct technical assistance*
- *Planning grants*
- Guidebook
- Webinars
- Training videos
- Countywide & Regional Funding Program



SB 552 Support - Next Steps

County Drought and Water Shortage Planning

- [SB 552 Primer](#)
- Planning assistance program ([Survey](#))
- Guidebook development
 - Form Workgroup (Summer 2022)
- Set of 4 workshops
 - [June 2](#): overview
 - August: draft guidance part I
 - Sept: draft guidance part II
 - Late Fall: final guidance



Questions & Comments?

Contact Information

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<https://water.ca.gov/Programs/Water-Use-And-Efficiency/SB-552>

