

# Northern Sacramento Valley IRWM Special Joint Meeting of the Board and TAC

2024 Summer/Fall Hydrology and partial  
Groundwater Level Update

25 September 2024

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DWR Northern Region Office

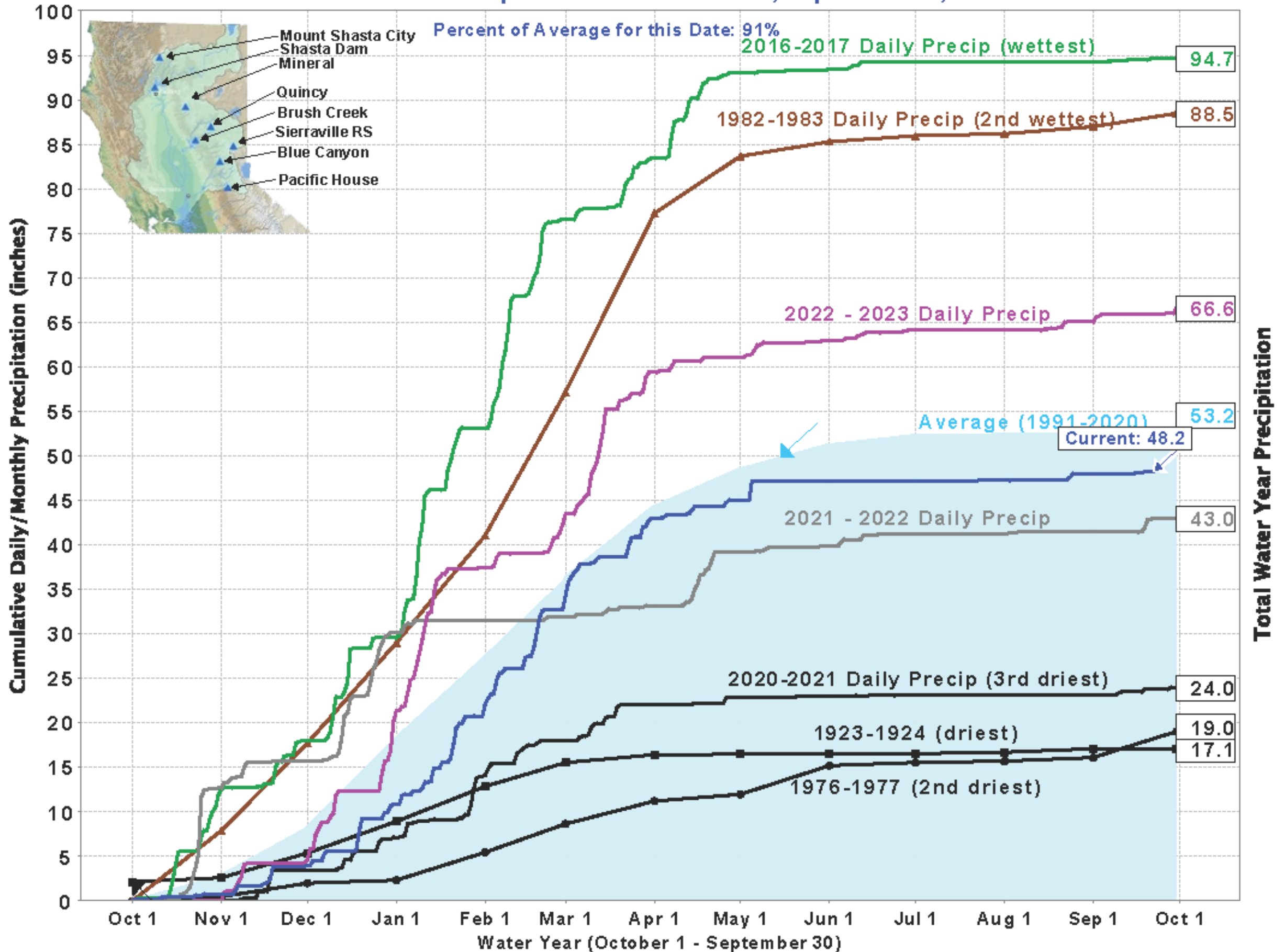
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# Outline

- **CDEC Precipitation Index**
- **NOAA Climate Prediction**
- **California Water Watch**
- **California Groundwater Live**

### Northern Sierra Precipitation: 8-Station Index, September 22, 2024



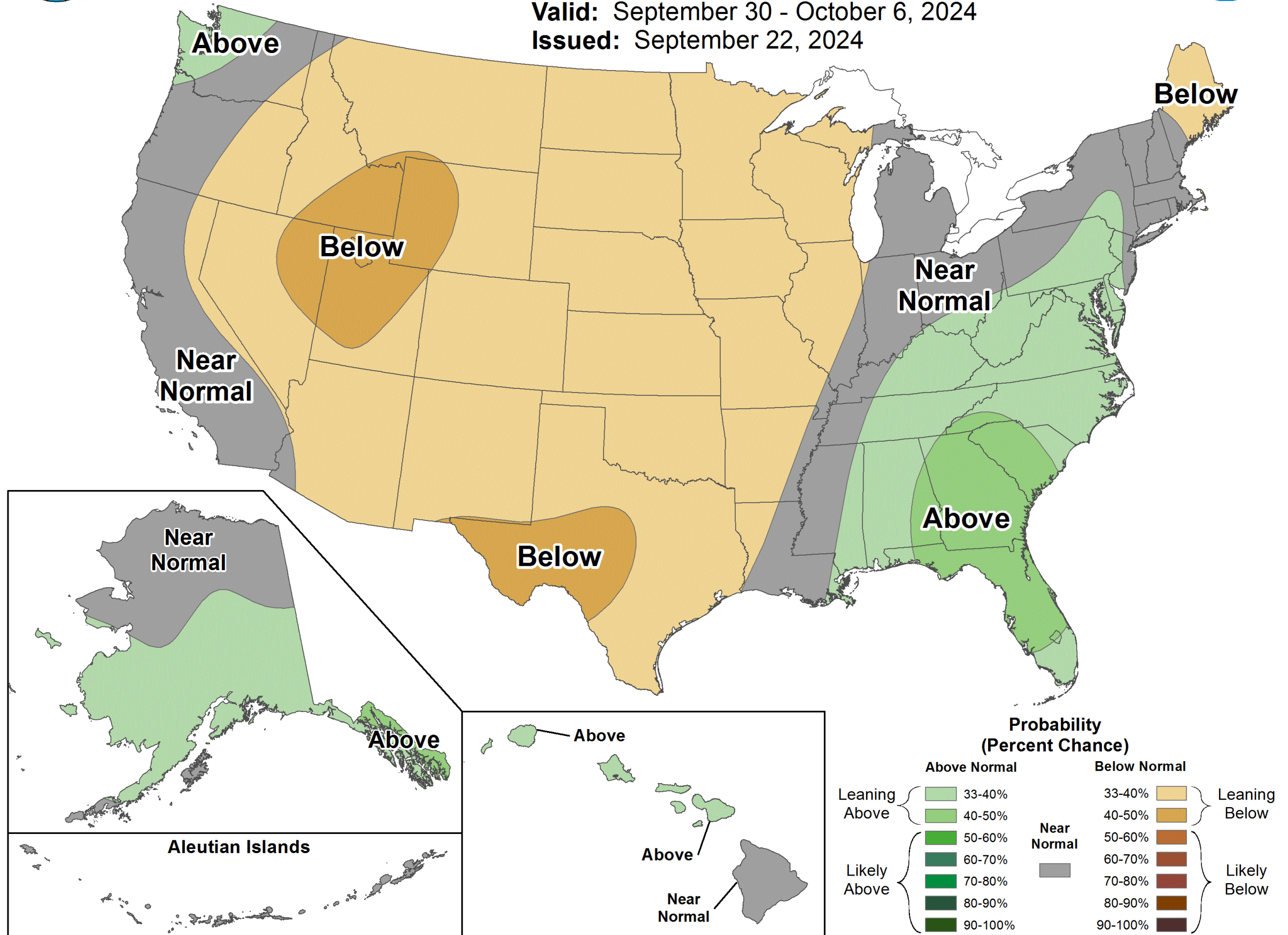


# 8-14 Day Precipitation Outlook



Valid: September 30 - October 6, 2024

Issued: September 22, 2024



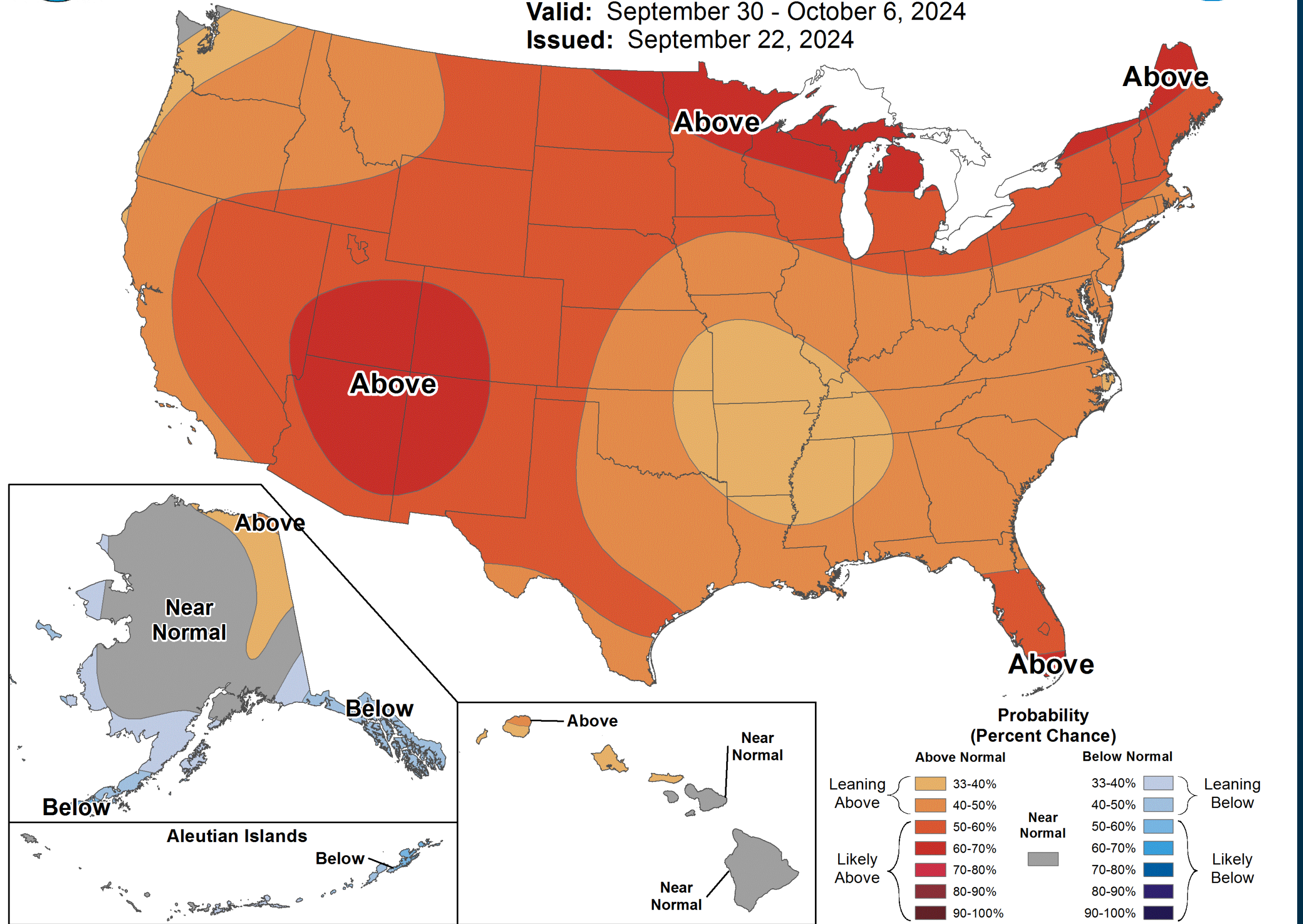


# 8-14 Day Temperature Outlook



Valid: September 30 - October 6, 2024

Issued: September 22, 2024



# California Water Watch

## **CALIFORNIA HYDROLOGY UPDATE**

CONDITIONS AS OF AUGUST 31, 2024



*The California Hydrology Update is a regular summary of current weather conditions in the State of California and serves as a supplement to the data on the [California Water Watch](https://cww.water.ca.gov/) website. It is produced by the California Department of Water Resources Hydrology Section and Sustainable Groundwater Management Office teams. For tips and resources on how to make water conservation a way of life, please visit [saveourwater.com](https://saveourwater.com).*

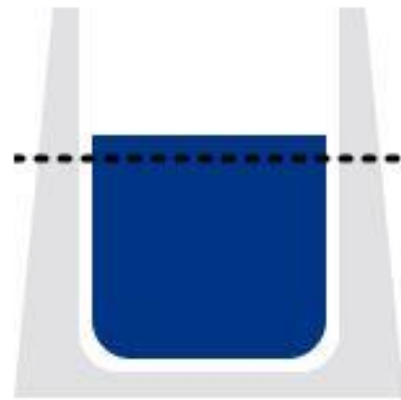
<https://cww.water.ca.gov/> click **Hydrology Update**

[https://cww.water.ca.gov/service/document/hydroreport?\\_=1664980284640](https://cww.water.ca.gov/service/document/hydroreport?_=1664980284640)

# California Water Watch - Statewide Statistics

## Major reservoir levels

Reservoirs get us through the dry months



**113%**  
of average levels

Updated daily

[More about reservoirs](#)

## Statewide snowpack levels

Snow melt feeds our reservoirs & rivers

**0%** of average peak snowpack



Updated daily

[More about snowpack levels](#)

Monitoring Wells  
Below Normal Level

**29%**

Dry Wells Reported - Year to Date

**151**



# California's Groundwater Live

CALIFORNIA'S LATEST GROUNDWATER INFORMATION AND CONDITIONS



## SECTIONS

[CURRENT CONDITIONS](#)

[GROUNDWATER LEVELS](#)

[WELL INFRASTRUCTURE](#)

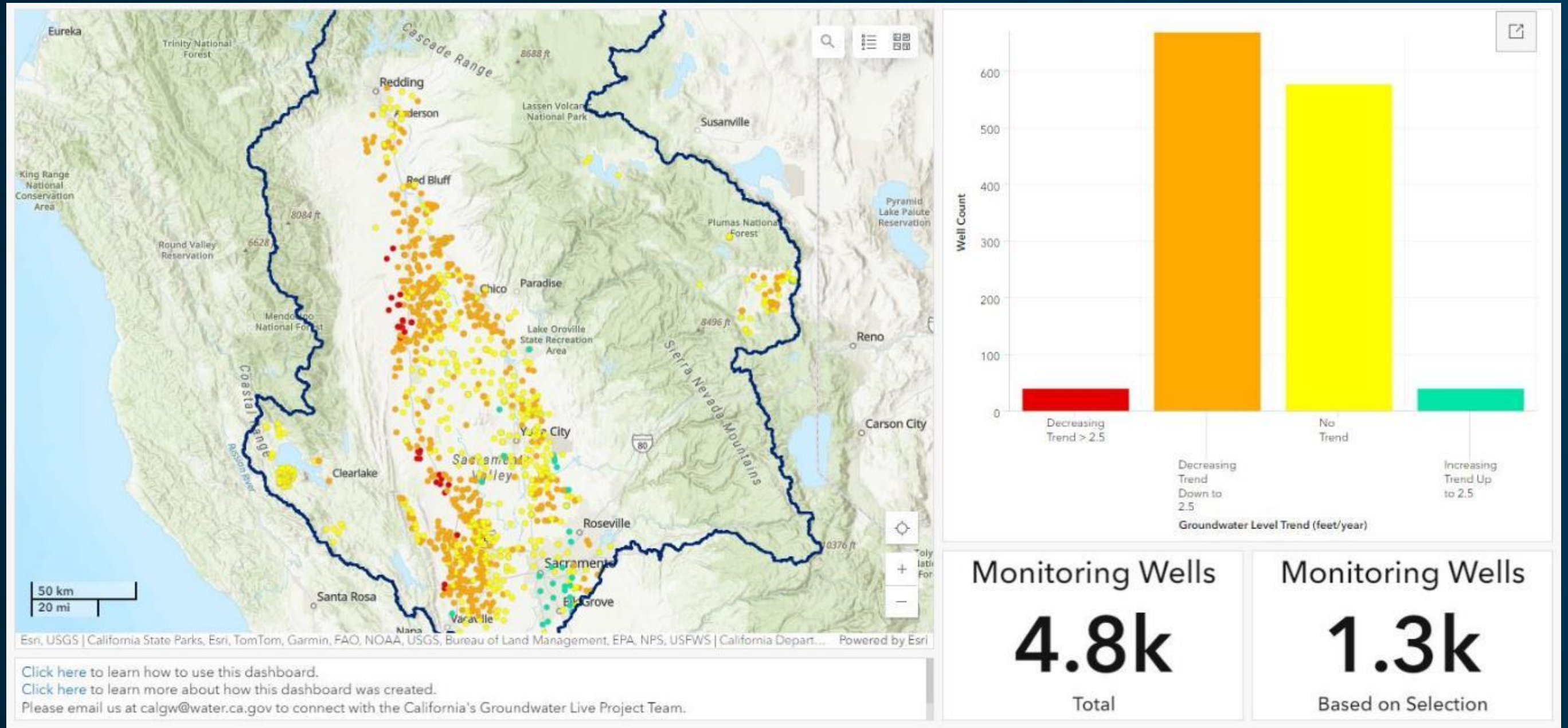
[LAND SUBSIDENCE](#)



# Sacramento River Hydrologic Region

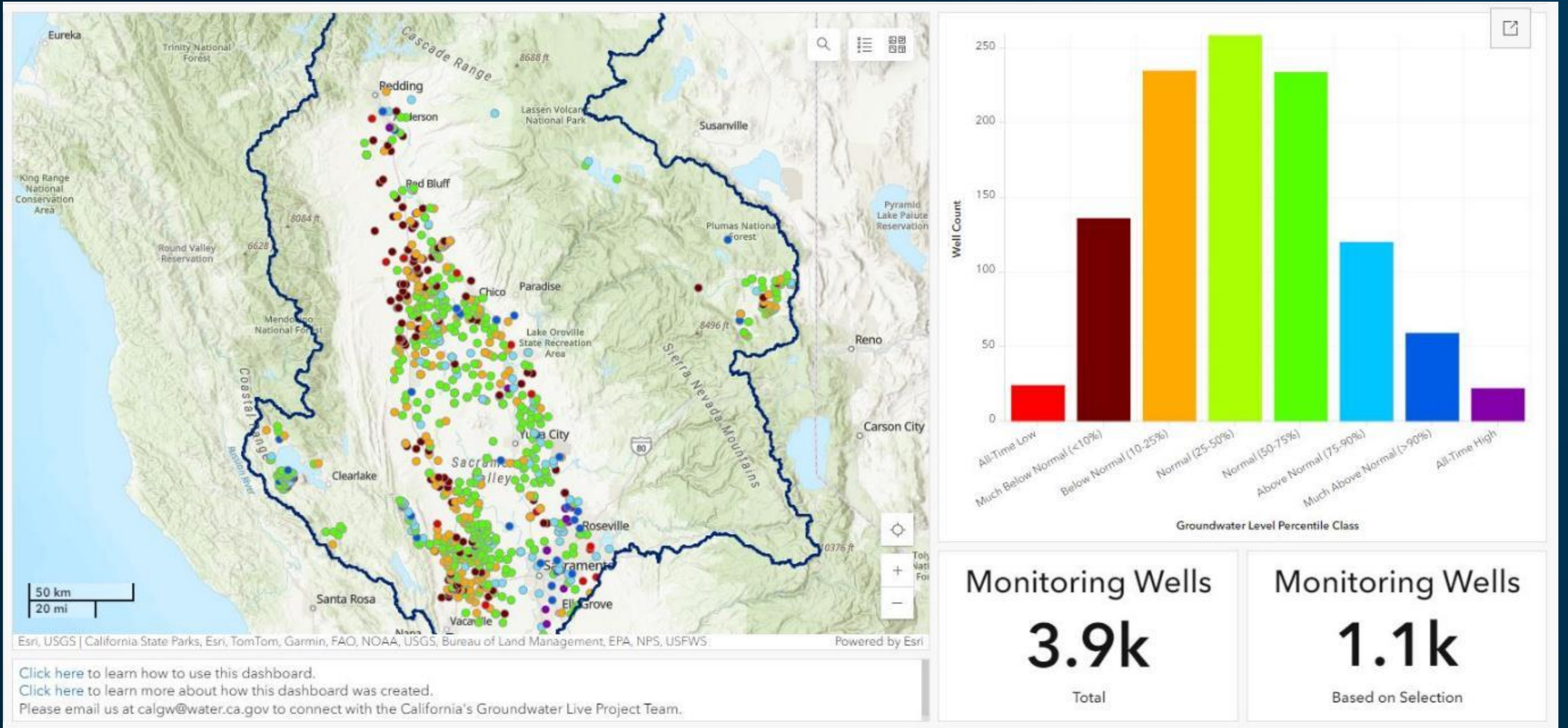
## 20-Year Groundwater Level Trend (feet/year)

(Most recent groundwater level compared to the range of levels for the past 10 years)



# Sacramento River Hydrologic Region Current Groundwater Level Conditions

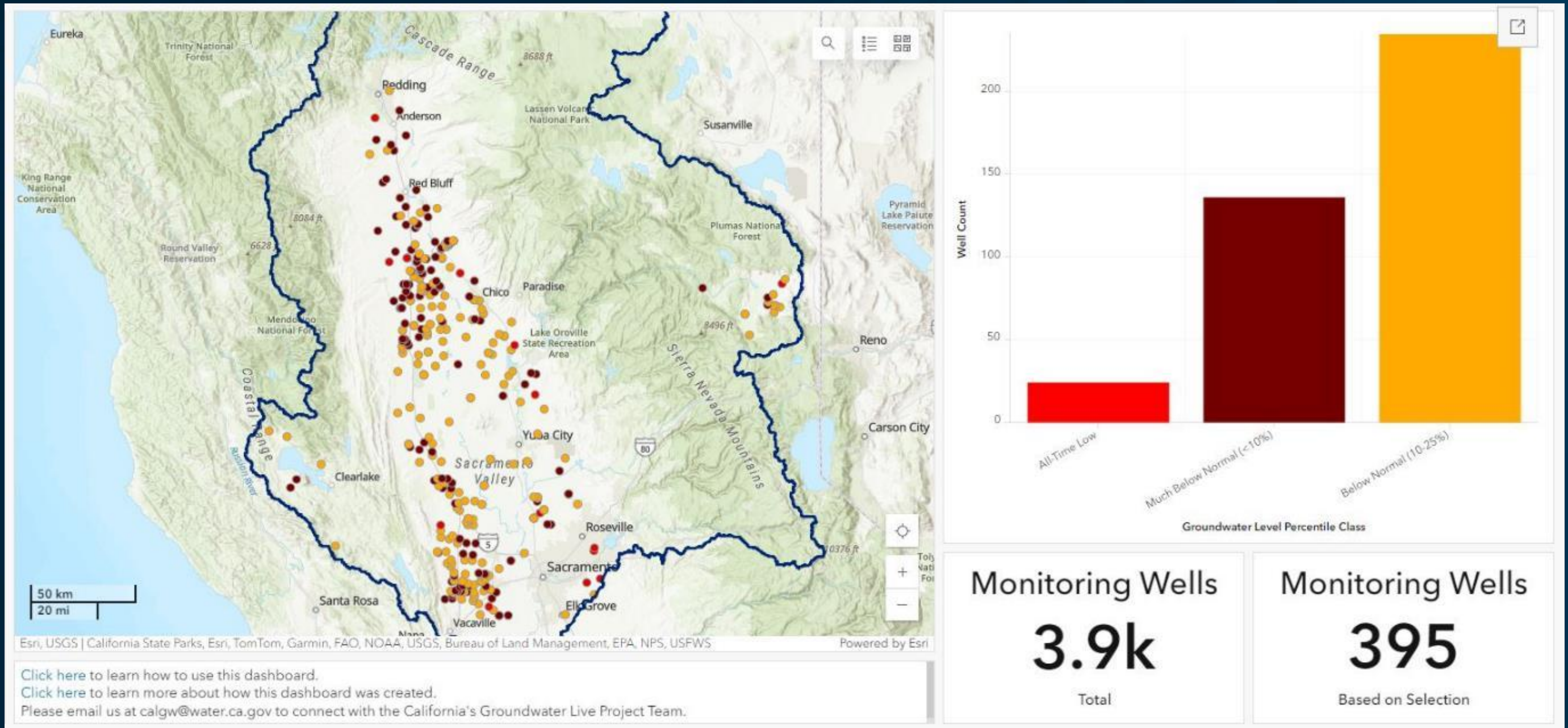
(Most recent groundwater level compared to the range of levels for the past 10 years)



# Sacramento River Hydrologic Region

## Current Groundwater Level Conditions – Below “Normal”

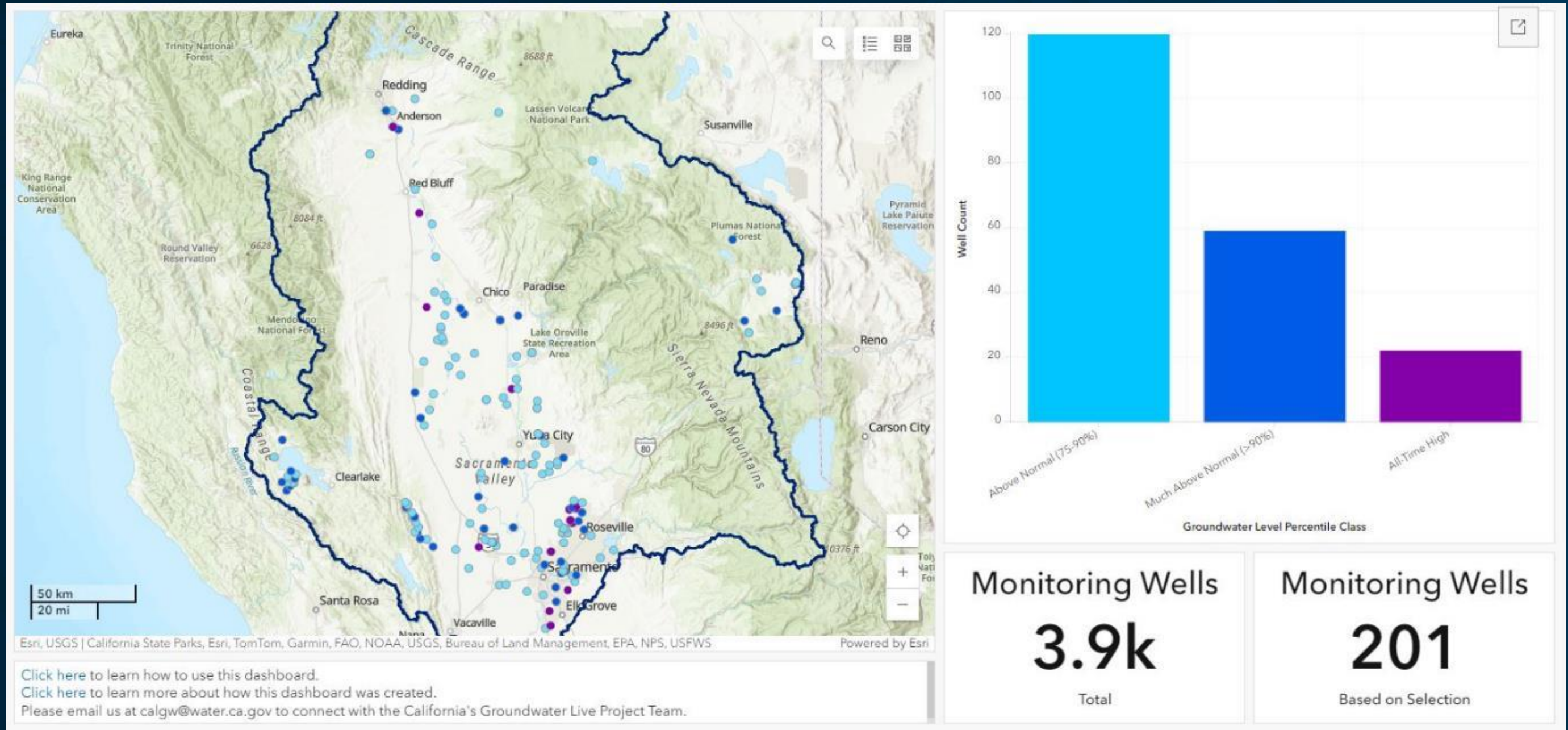
(Most recent groundwater level compared to the range of levels for the past 10 years)



# Sacramento River Hydrologic Region

## Current Groundwater Level Conditions – Above “Normal”

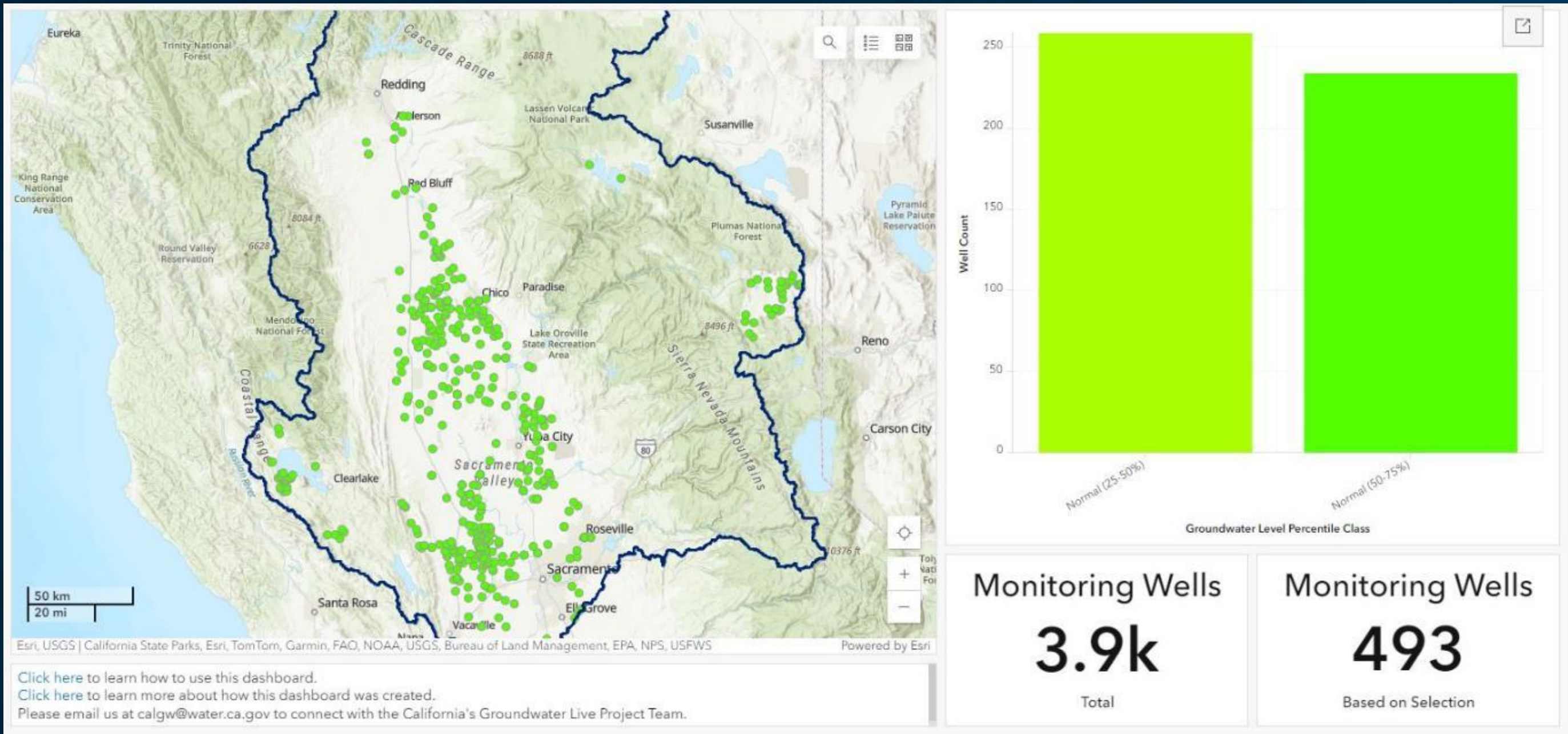
(Most recent groundwater level compared to the range of levels for the past 10 years)



# Sacramento River Hydrologic Region

## Current Groundwater Level Conditions – “Normal”

(Most recent groundwater level compared to the range of levels for the past 10 years)



# Statewide Well Infrastructure Information

Data reported 9/23/2024

## Domestic Wells



264,089 Total  
**1,712 WCRs**  
Received Year to Date

## Irrigation Wells



58,976 Total  
**579 WCRs**  
Received Year to Date

## Public Supply Wells



13,858 Total  
**Active**  
Public Supply Wells

## Reported Dry Wells



153 in 2024  
**19 Reported**  
In the last 30 Days

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

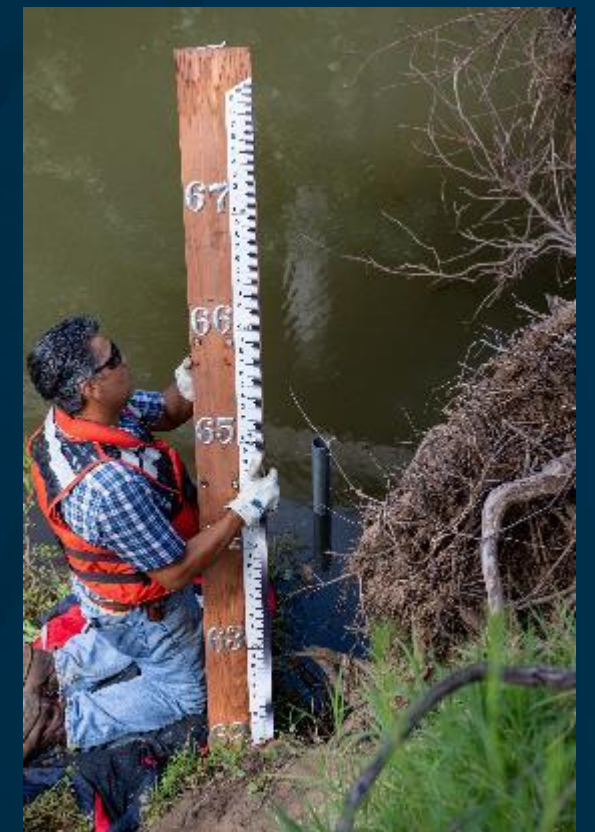
Dry Well Reporting: <https://mydrywatersupply.water.ca.gov/report/publicpage>

List of Counties: [https://tableau.cnra.ca.gov/t/DWR\\_SGM/views/mydrywatersupply/Table.pdf?csrt=17124359341917200630](https://tableau.cnra.ca.gov/t/DWR_SGM/views/mydrywatersupply/Table.pdf?csrt=17124359341917200630)

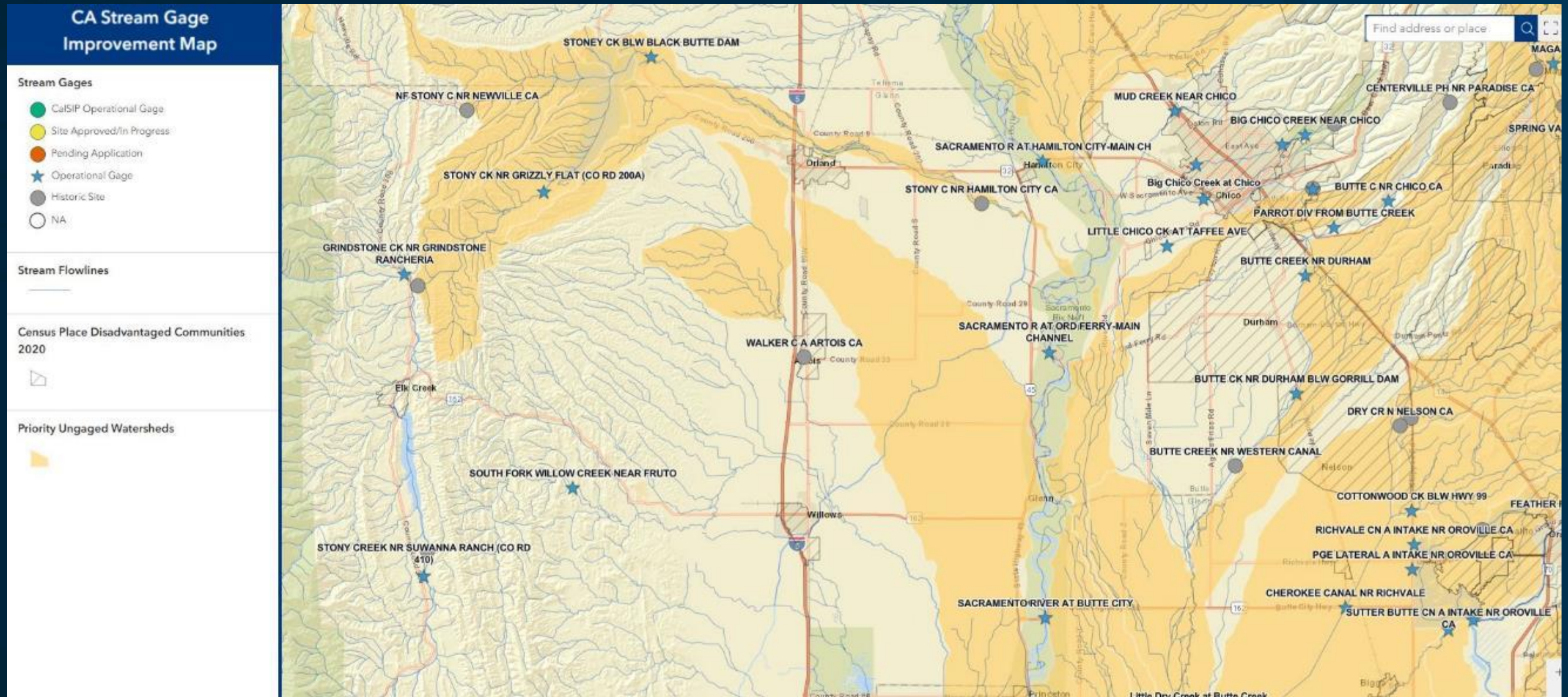
Map of Reported Dry Wells: [https://tableau.cnra.ca.gov/t/DWR\\_SGM/views/mydrywatersupply/Map.pdf?csrt=17124359341917200630](https://tableau.cnra.ca.gov/t/DWR_SGM/views/mydrywatersupply/Map.pdf?csrt=17124359341917200630)

# Stream Gage Improvement Program CalSIP

- **Eligibility criteria**
  - Public agencies (counties, cities, CSDs, IDs, FCDs, RDs, WDs, GSAs)
  - Colleges & universities
  - Federally listed Tribes
  - Gages must provide real-time stream data through CDEC
- **3-step Application Process**
  - Submit initial GIS-based interest survey
  - Submit an online application questionnaire
  - Evaluation, prioritization scoring, and notification
- **Application Deadlines**
  - September 30; October 31; November 29; and December 31, 2024



# Stream Gage Improvement Program - CalSIP



Access current and historical stream gage maps and data at: [CalSIP Stream Gage Map](https://experience.arcgis.com/experience/ac8ac7d58dcc40f1b552dd34ea87f8db?data_id=dataSource_1-18b5df17cbc-layer-5%3A49867&views=Feature)  
[https://experience.arcgis.com/experience/ac8ac7d58dcc40f1b552dd34ea87f8db?data\\_id=dataSource\\_1-18b5df17cbc-layer-5%3A49867&views=Feature](https://experience.arcgis.com/experience/ac8ac7d58dcc40f1b552dd34ea87f8db?data_id=dataSource_1-18b5df17cbc-layer-5%3A49867&views=Feature)



***Groundwater is a renewable resource  
and CAN be managed sustainably***



**Northern Region Office  
2440 Main Street Red Bluff  
Division of Regional Assistance  
Sustainable Water Management**