

Precipitation^{1,2}

Percent average to 11/19

Northern Sierra

3.0" **48%**



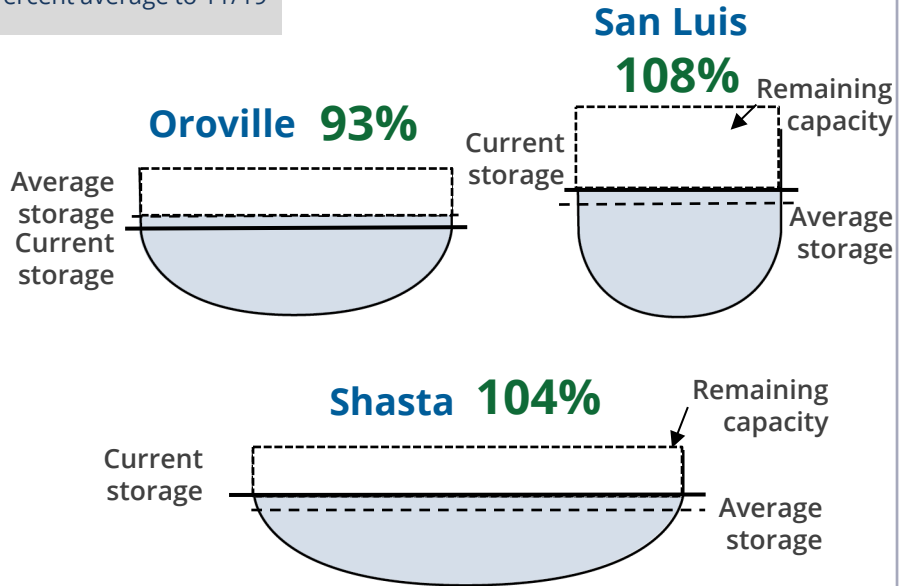
Central Sierra

1.0" **22%**



Reservoir Storage⁴

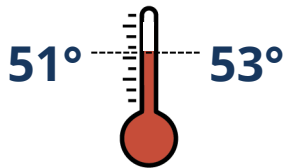
Percent average to 11/19



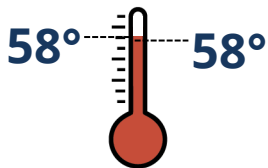
Water Temperature³

In degrees Fahrenheit

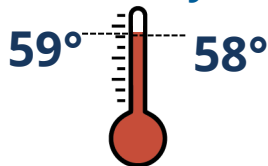
Clear Creek



Collinsville



Clifton Court Forebay



Water Flow and Quality^{4,5,6}

Flow (cfs) | % of 20 year flow average | Salinity (µS/cm) | (ppm)

Sacramento River - Freeport

8,882 cfs | 78% **145** µS/cm | 80 ppm

San Joaquin River - Vernalis

1,694 cfs | 98% **464** µS/cm | 255 ppm

Combined CVP + SWP - Diversion

5,086 cfs | 78% **301** µS/cm | 165 ppm

Average to 11/24

Historical average

¹ <https://go.usa.gov/xQsUc>

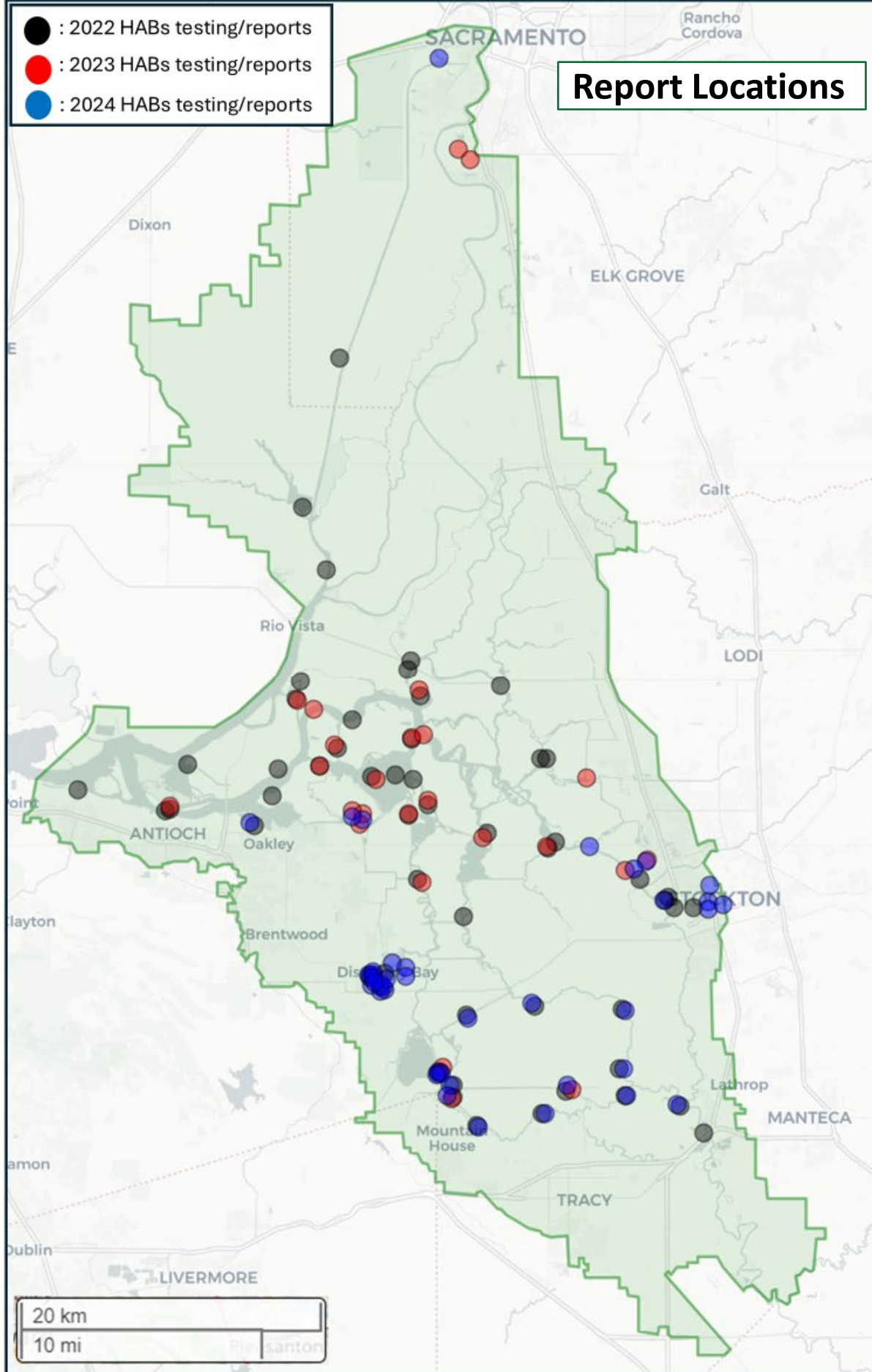
³ <https://go.usa.gov/xURFU>

⁵ <https://go.usa.gov/xQsU2>

² <https://go.usa.gov/xQsUa>

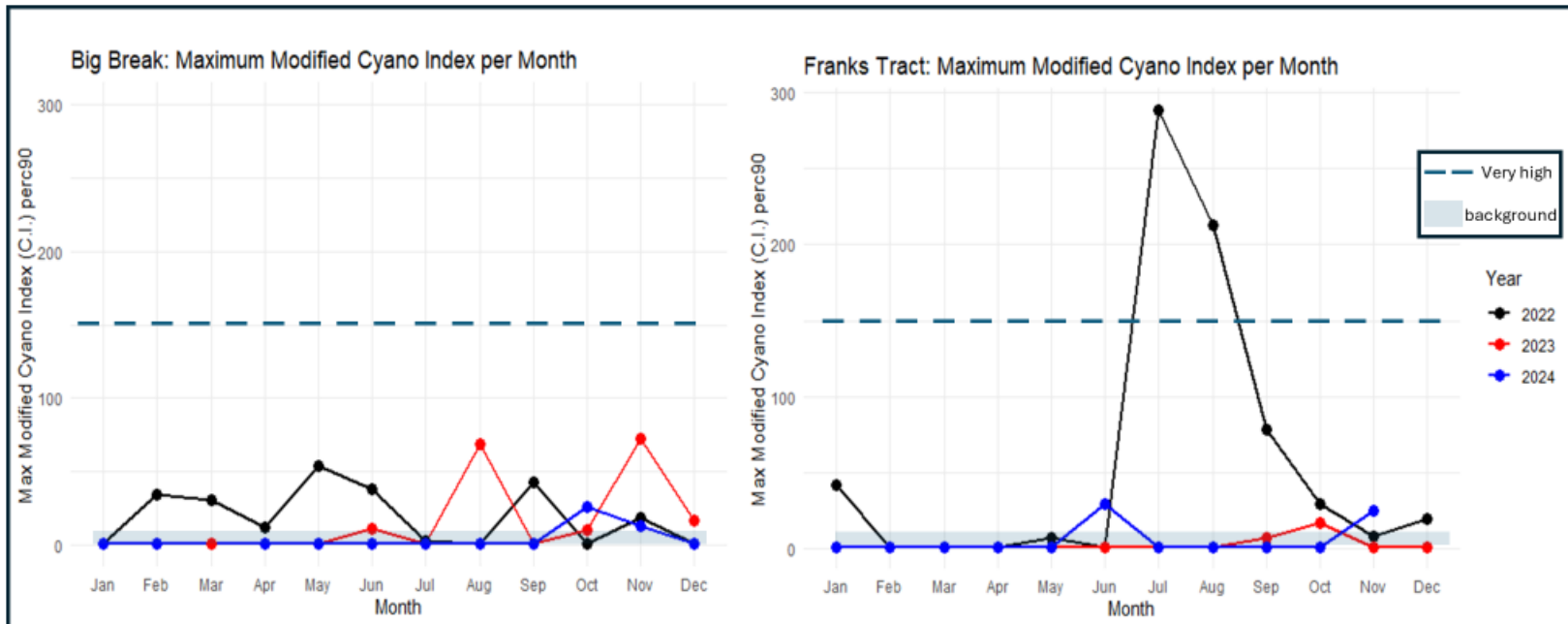
⁴ <https://go.usa.gov/xQsUr>

⁶ <https://go.usa.gov/xQsUt>

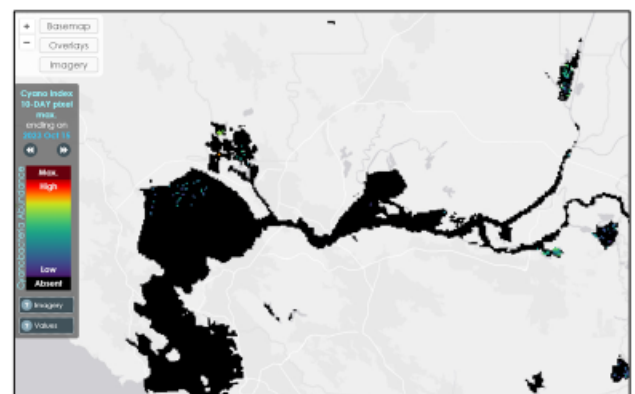


- In the legal Delta, 43 reports were made in 2024, compared to 25 in 2023, and 52 in 2022
- Reports are not necessarily a confirmed case, just that a report was made
- Almost all reports are from smaller channels

Big Break and Franks Tract 2022-2024 maximum cyano index



- **Data hosting is a collaboration between SFEI, State Water Boards and NOAA**
[Harmful Algal Blooms Analysis Tool](#)
- **Limitations of satellite data:**
 - Does not measure cyanotoxins
 - Unreliable for shoreline conditions
 - Not accurate for smaller channels
- **Cyano Index (C.I.):** Estimate of cyanobacteria abundance using satellite imagery
- **Big Break:**
 - Semi consistent cyano presence
 - 2023 saw generally higher C.I. than 2024
- **Franks Tract:**
 - Huge spike in July 2022 ~ 300 C.I.



Satellite imagery HABs analysis tool