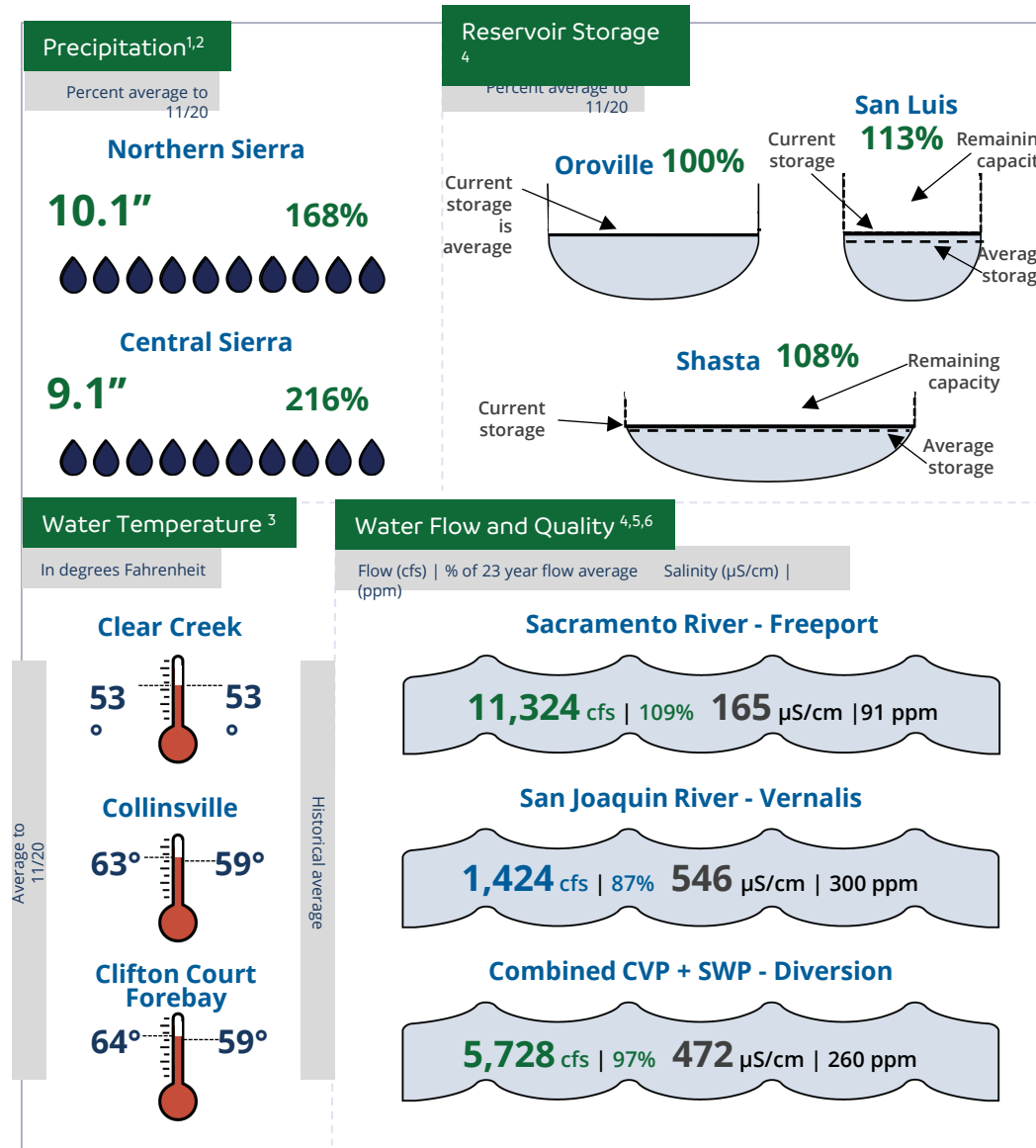




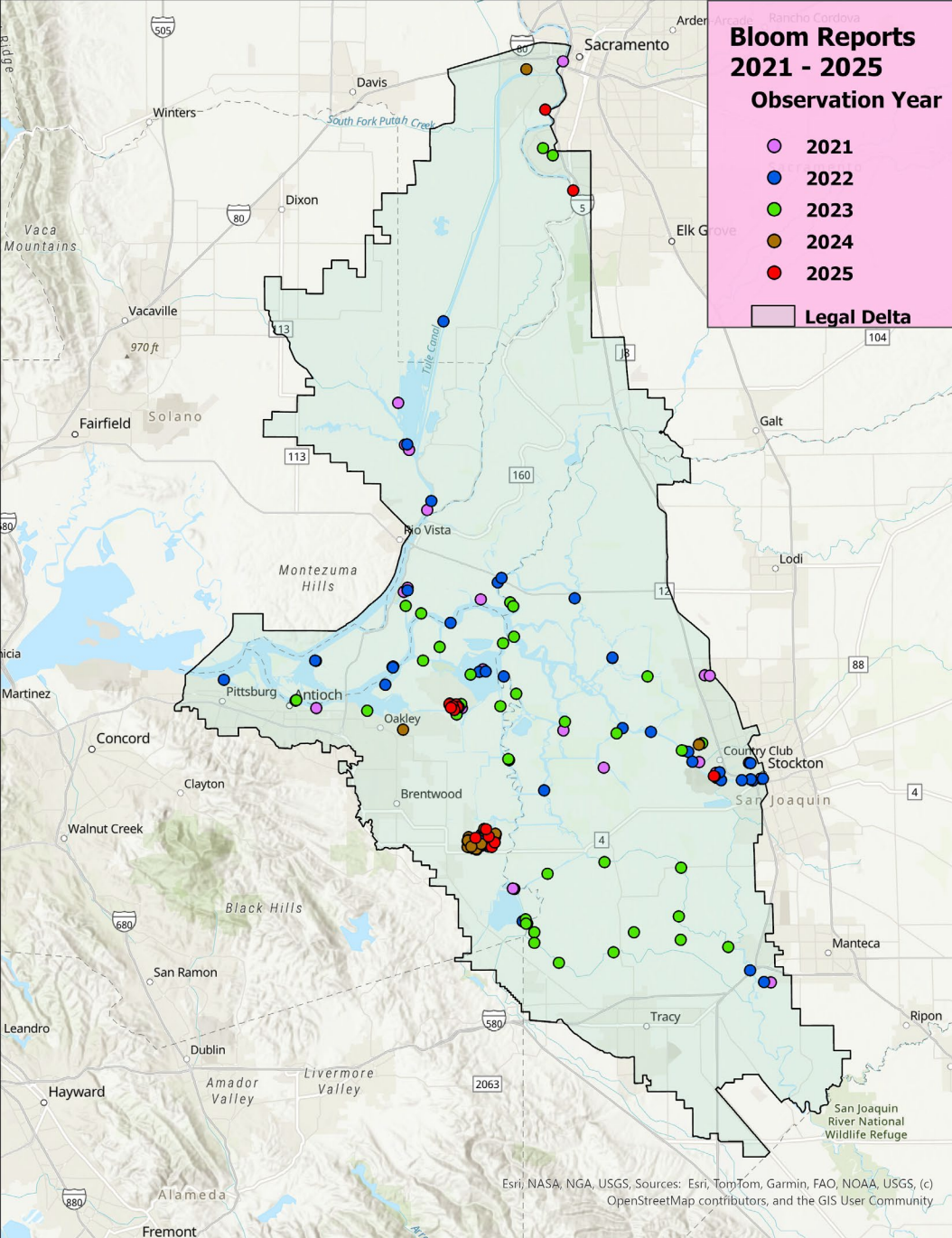
¹ <https://go.usa.gov/xQsUc> ³ <https://go.usa.gov/xURFU> ⁵ <https://go.usa.gov/xQsU2>
² <https://go.usa.gov/xQsUa> ⁴ <https://go.usa.gov/xQsUr> ⁶ <https://go.usa.gov/xQsUT>

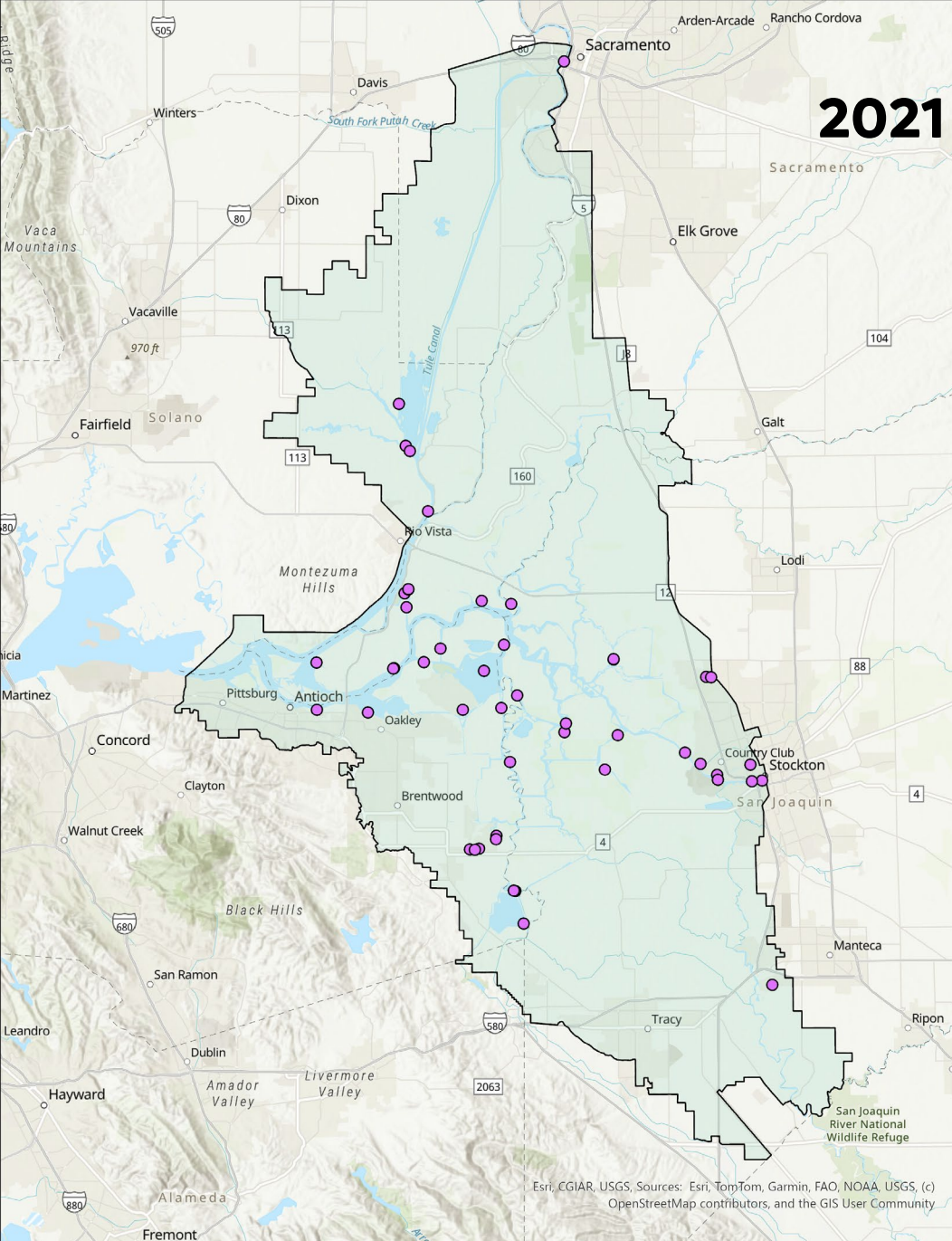
Where were Harmful Algal Blooms (HABs) reported 2021 – 2025?

- Reports of algal blooms
- Investigated by the State Water Board
- Not necessarily all confirmed as blooms
- Data probably does not capture all blooms

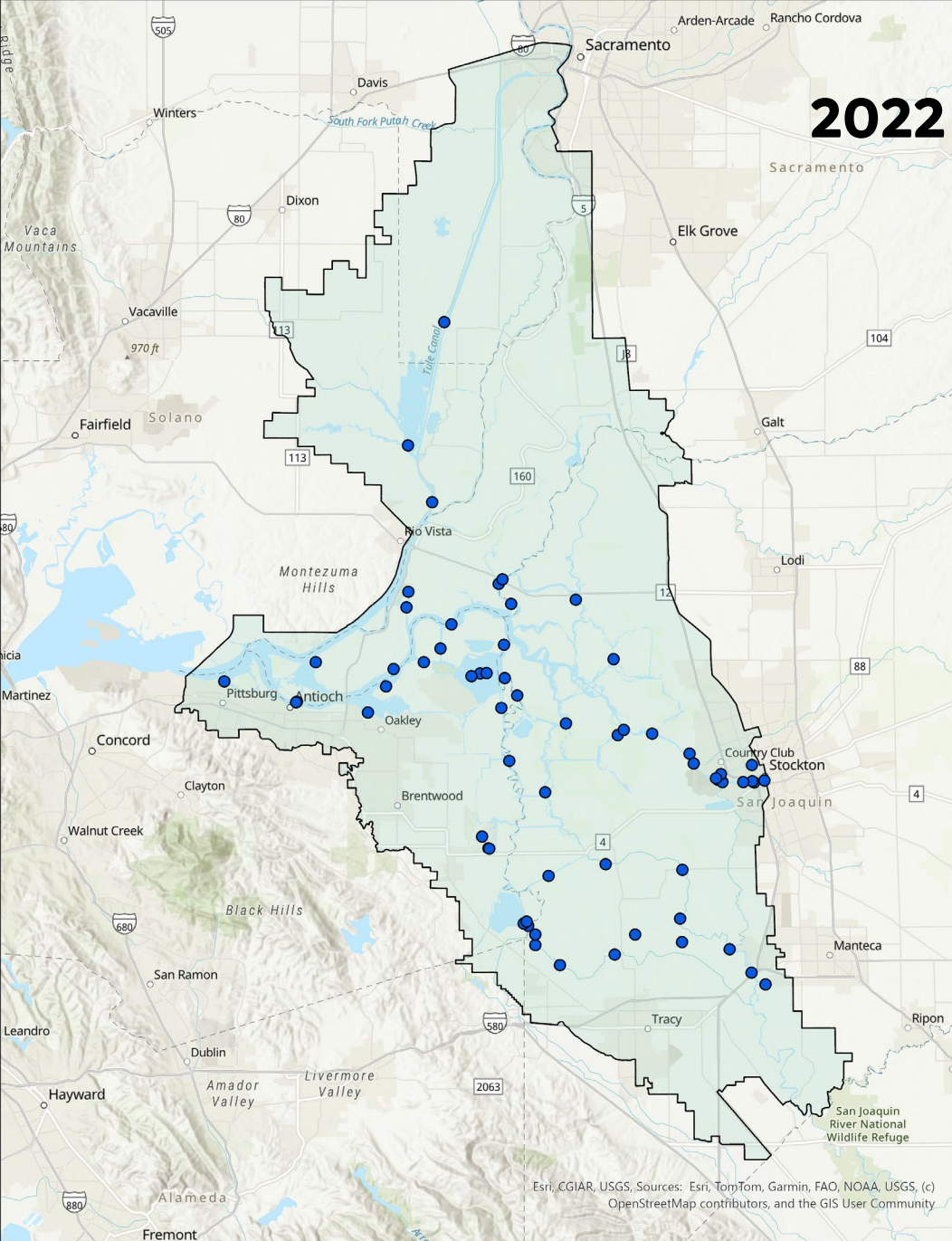
Data source:

<https://data.ca.gov/dataset/surface-water-freshwater-harmful-algal-blooms/resource/c6a36b91-ad38-4611-8750-87ee99e497dd>

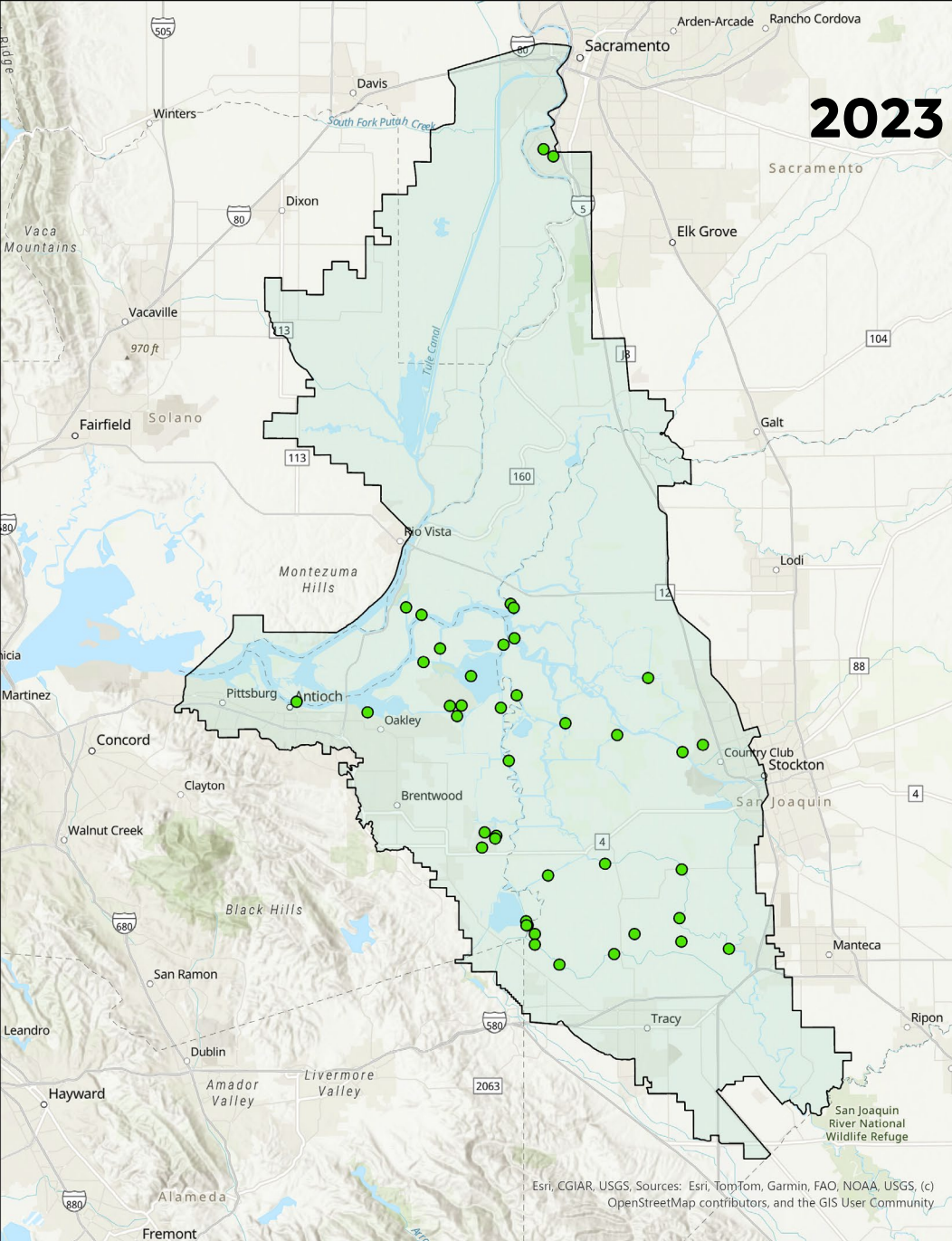




- Similar report locations each year
- Range 16–67 reports per year
- Fewer reports 2024 & 2025
 - 2025 data stops at September 9
- HAB formation is variable & sensitive to environmental conditions, e.g.
 - Temperature
 - Flow rate
 - Mixing
 - Sediment
 - Nutrients
 - Light
 - Grazing



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2025

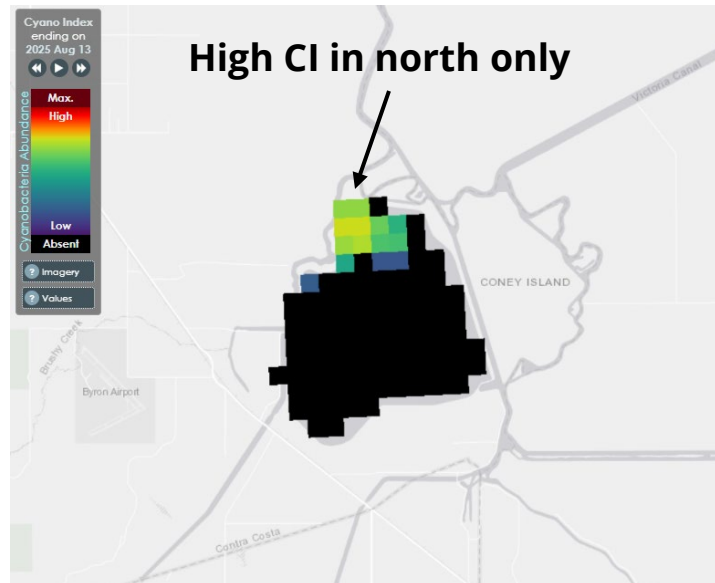
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When and how intense were HABs in the Delta in 2025?

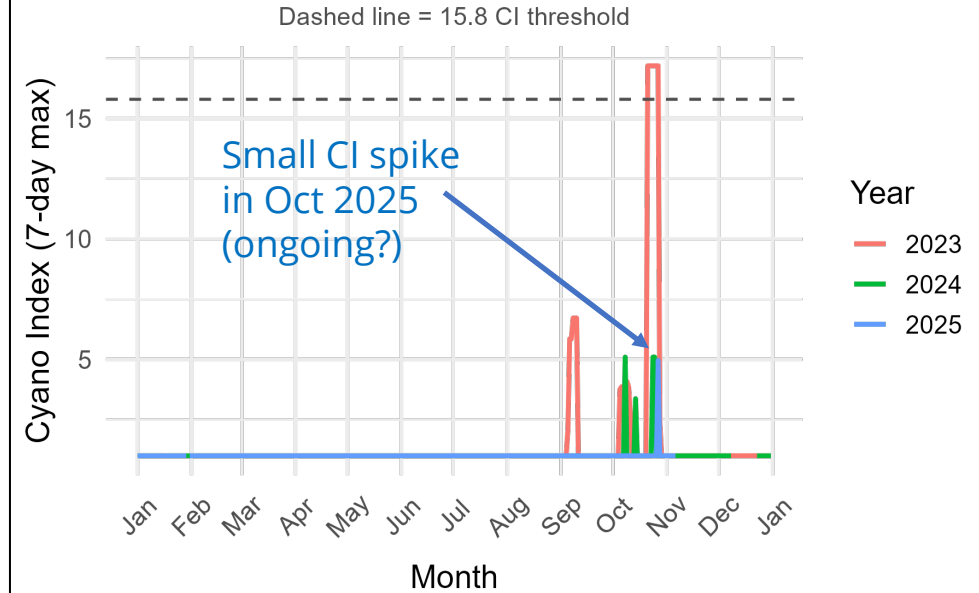
Cyano Index (CI) is a satellite-derived estimate of cyanobacteria abundance

- Unreliable for shoreline conditions & small channels
- Says nothing about toxicity
- CI 15.8 = Council Performance Measures metric

Clifton Court Forebay spike



Highest daily Cyano Index (Frank's Tract)



Highest daily Cyano Index (Clifton Court Forebay)

