

Past and Ongoing Studies in the San Joaquin River

Randy Dahlgren
UC Davis

Temp.

Light

**Nutrients
N & P**

Velocity

Strm. Char.

Herbivory

POM

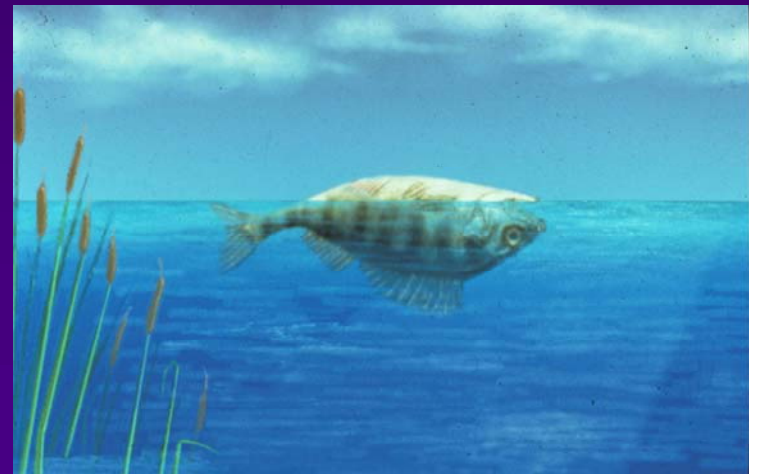
Algae

NH₄

DOC

BOD

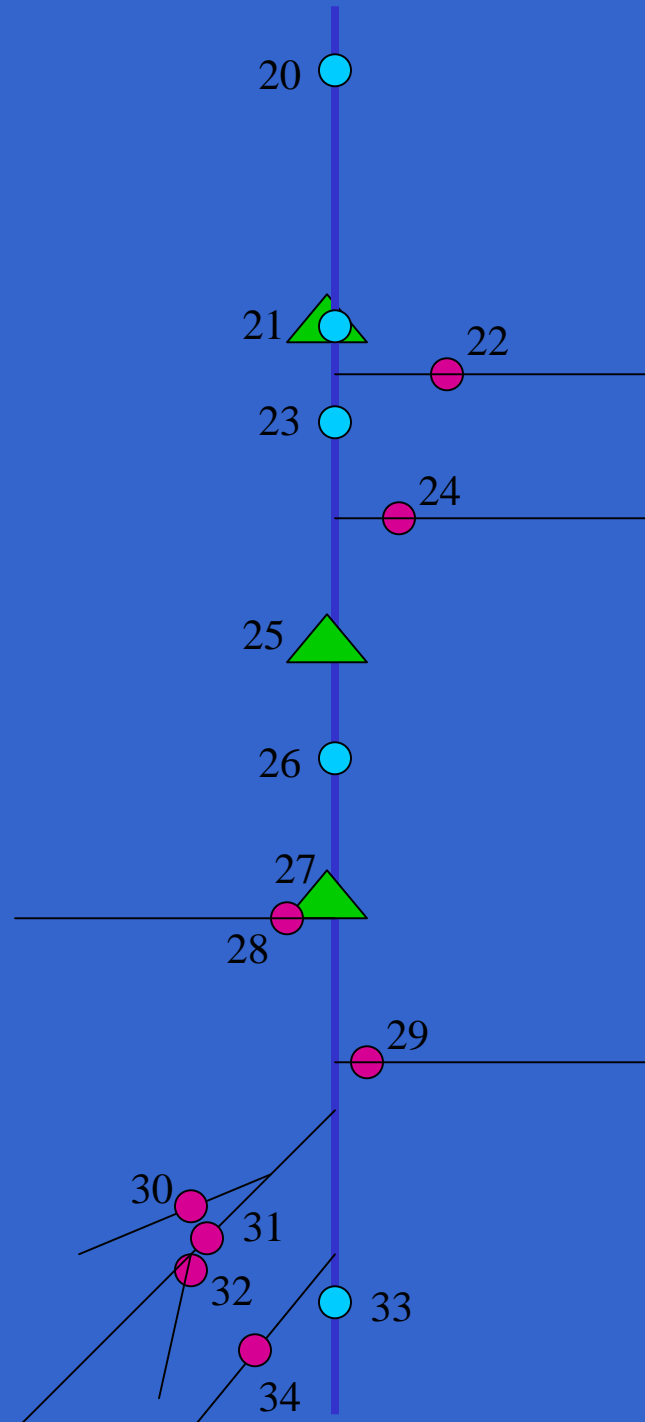
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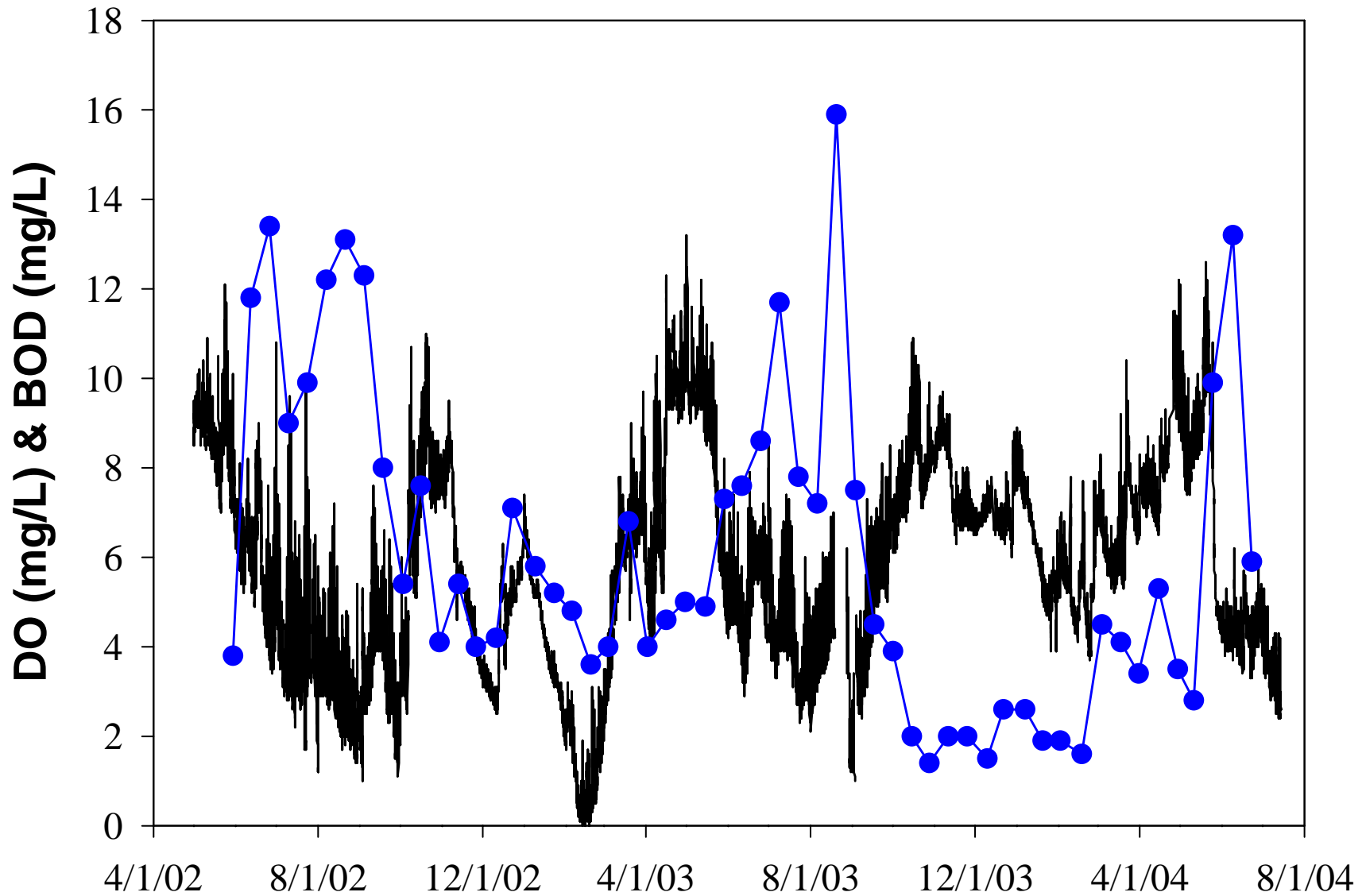
San Joaquin River Watershed

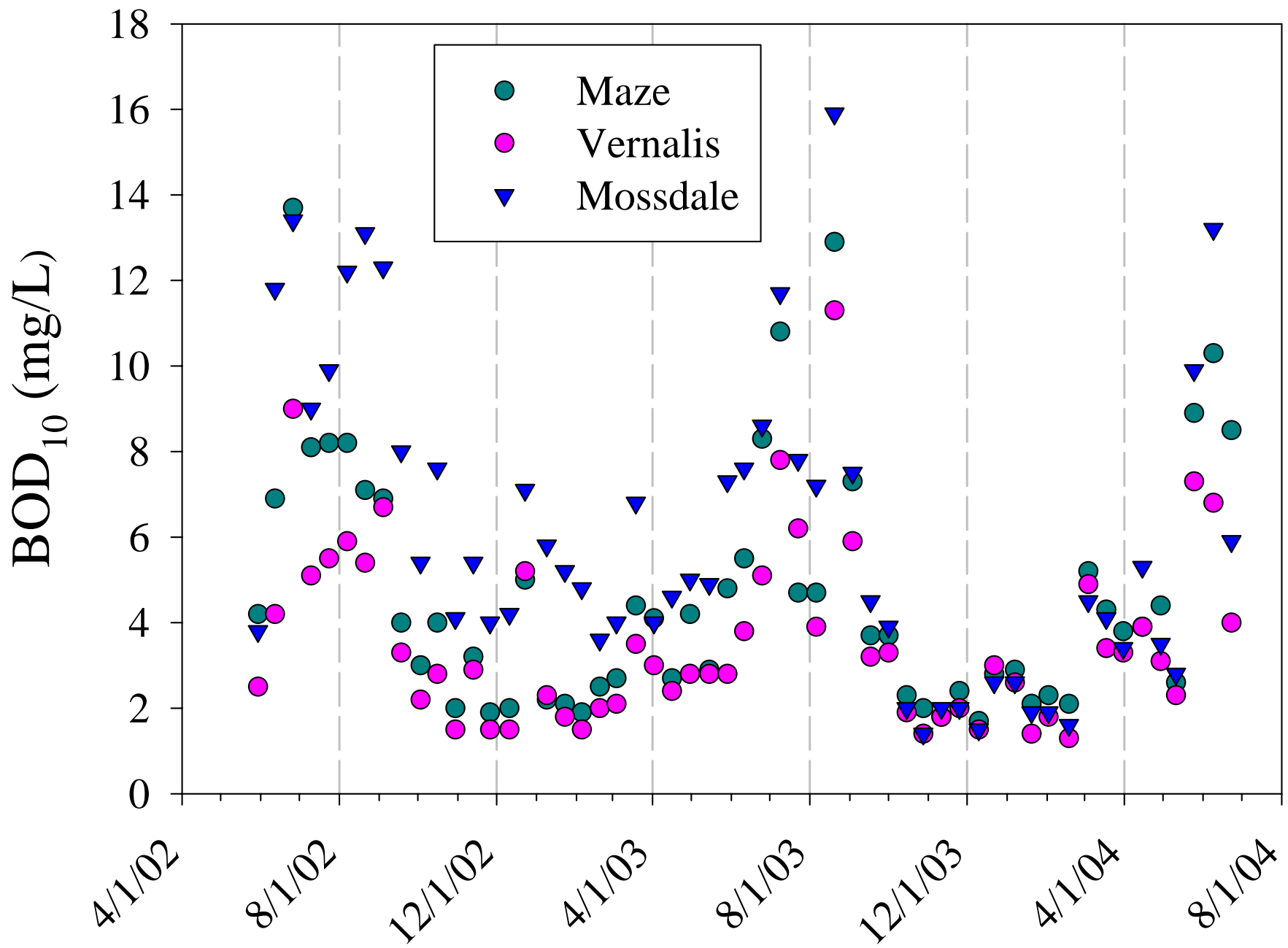
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-  Continuous Chlorophyll
-   Grab sampling sites



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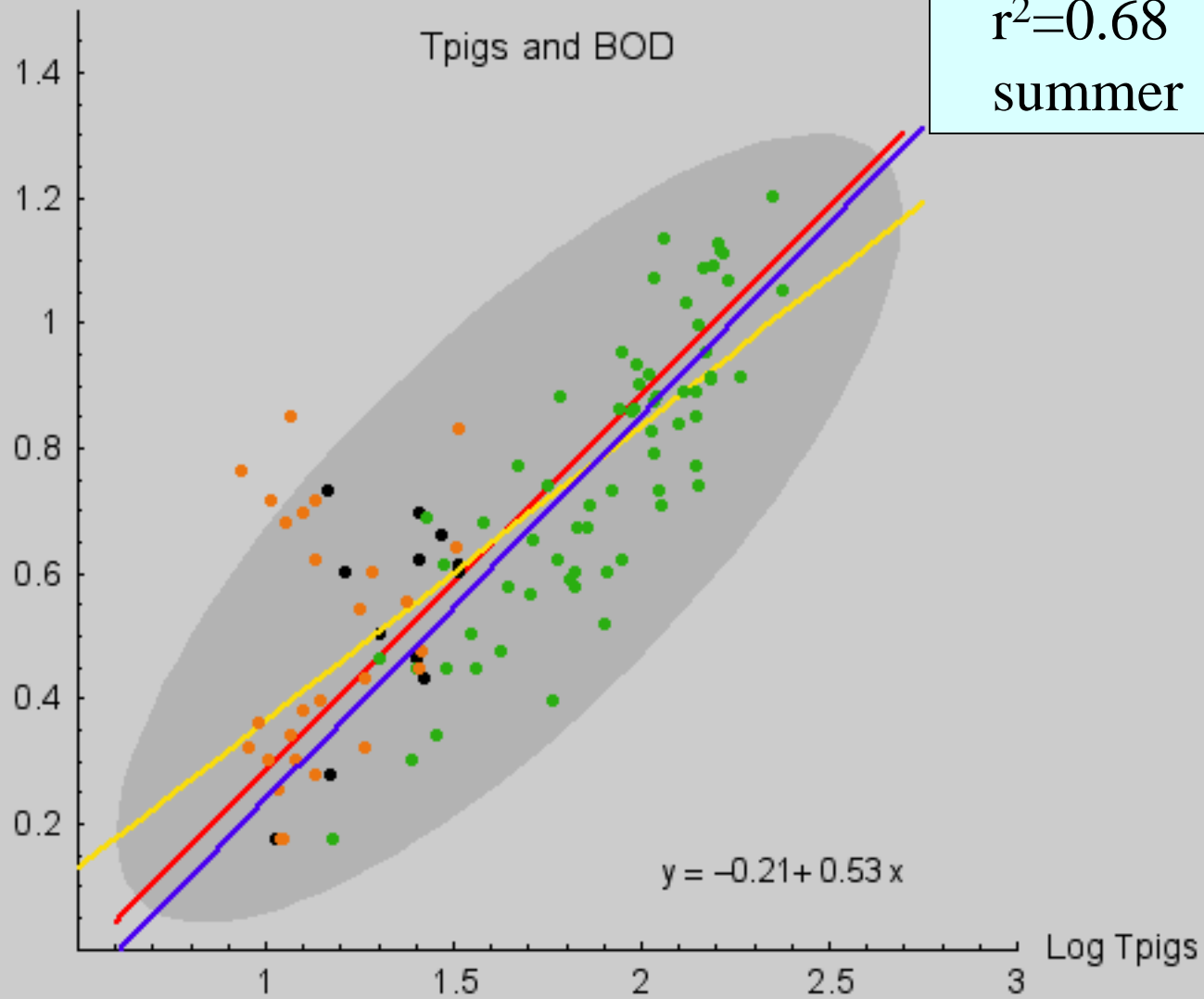
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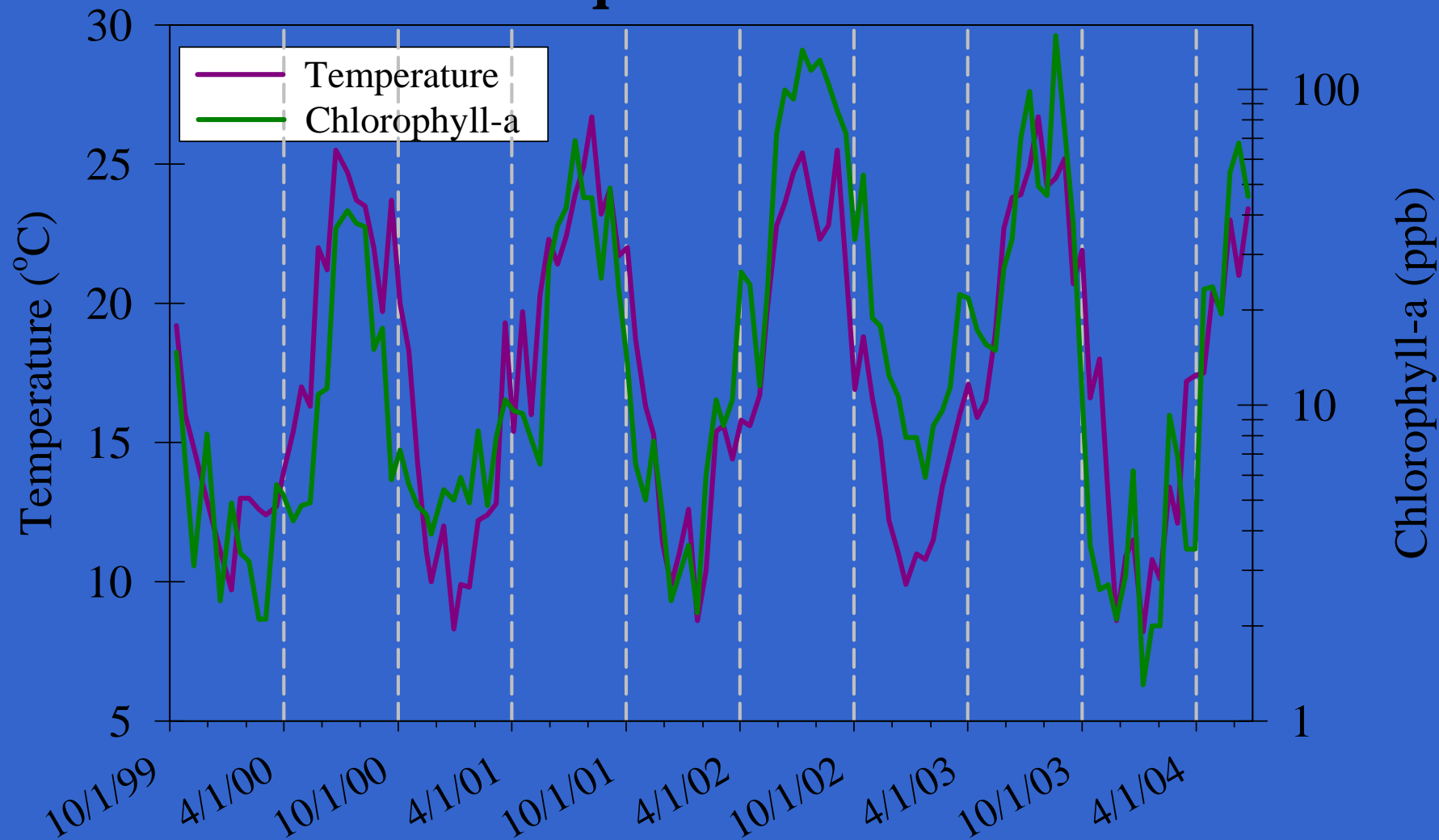
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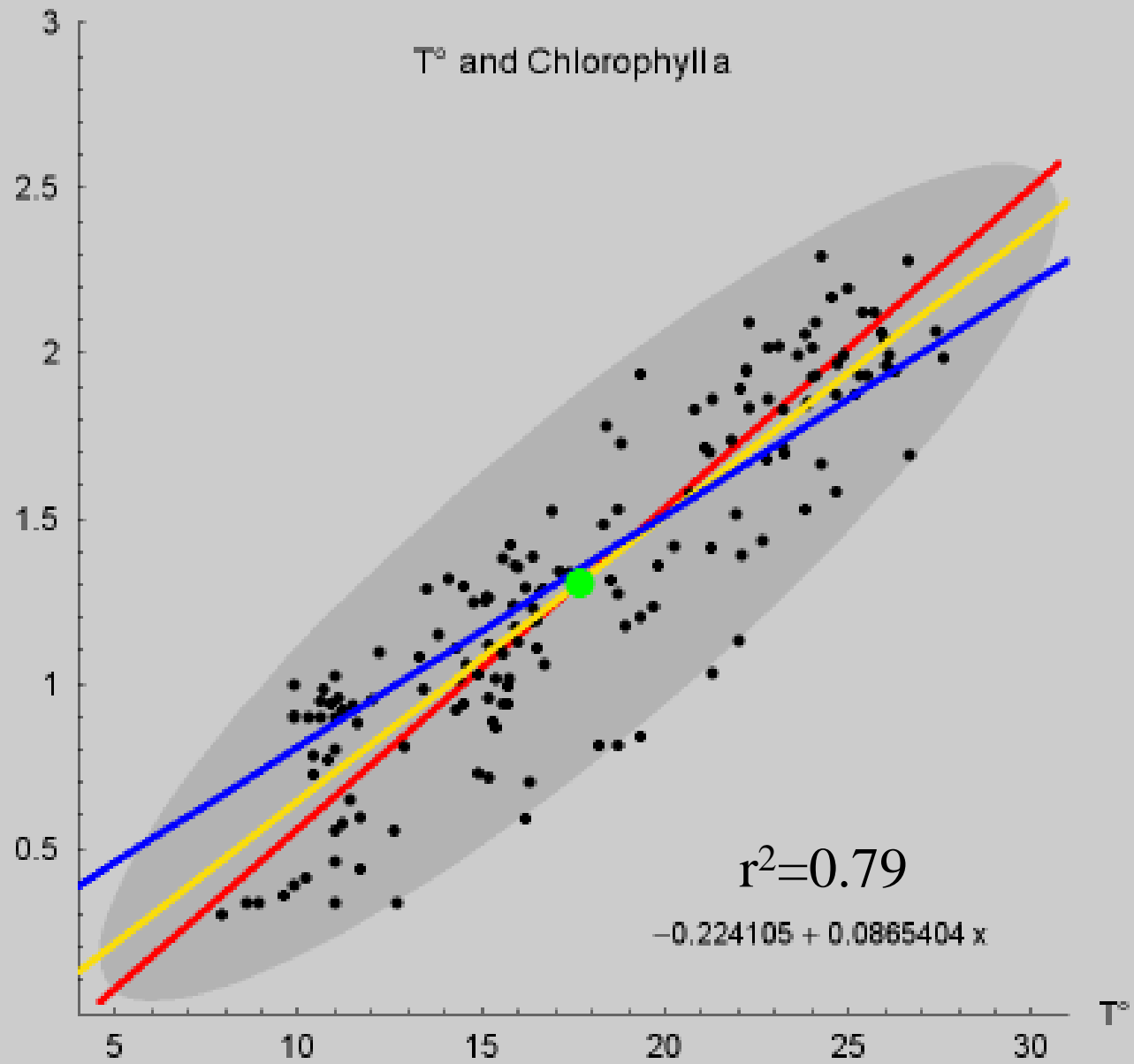
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San Joaquin River - Maze



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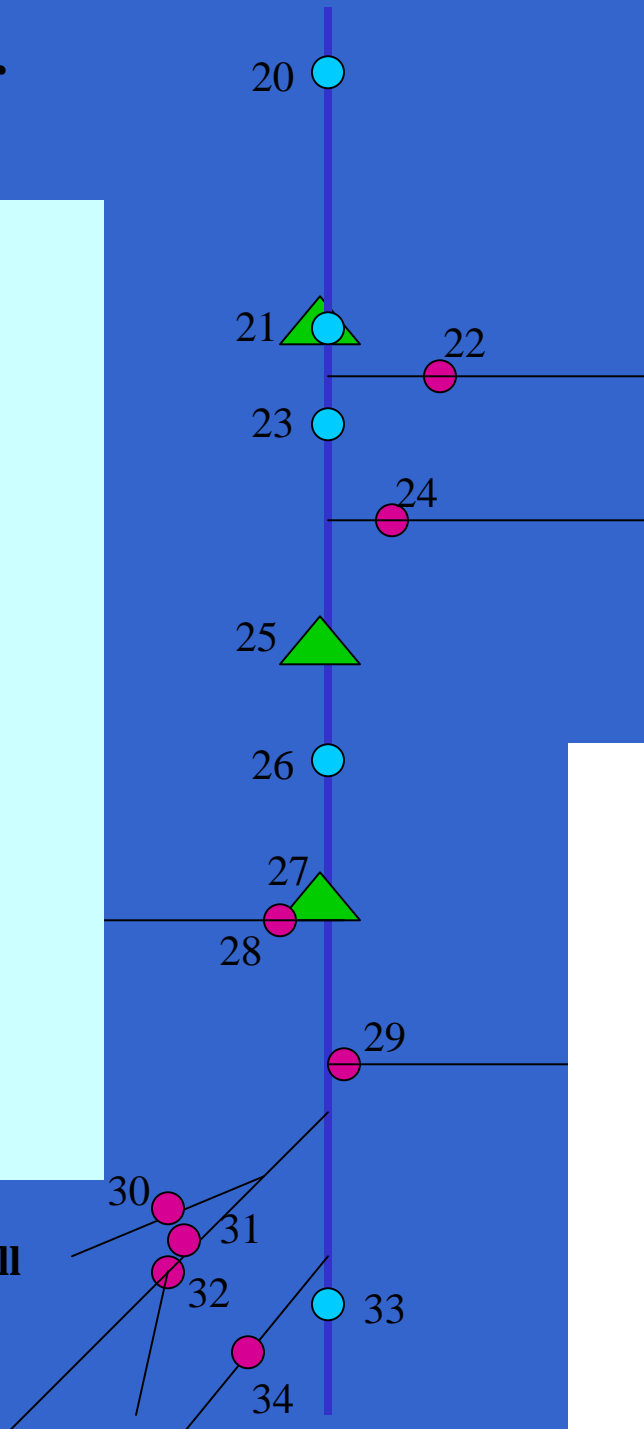
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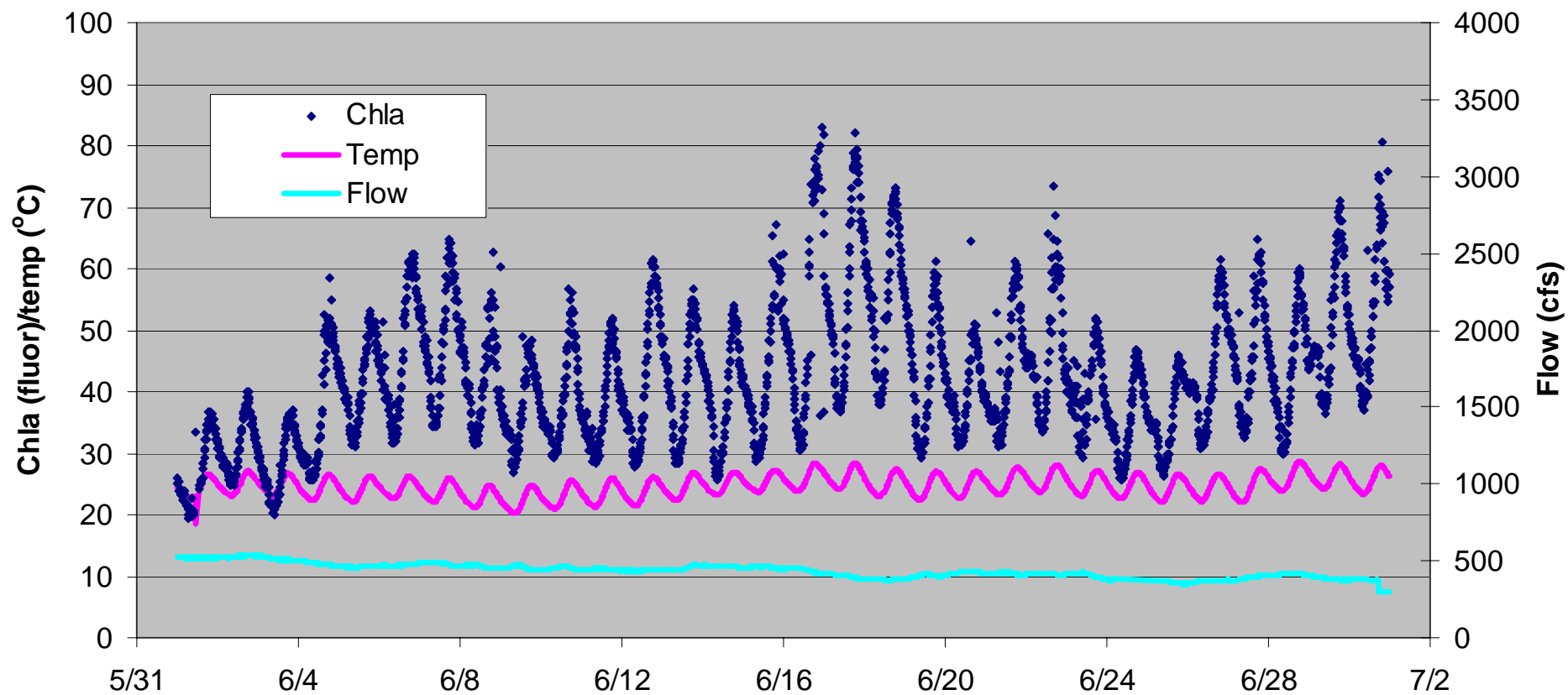
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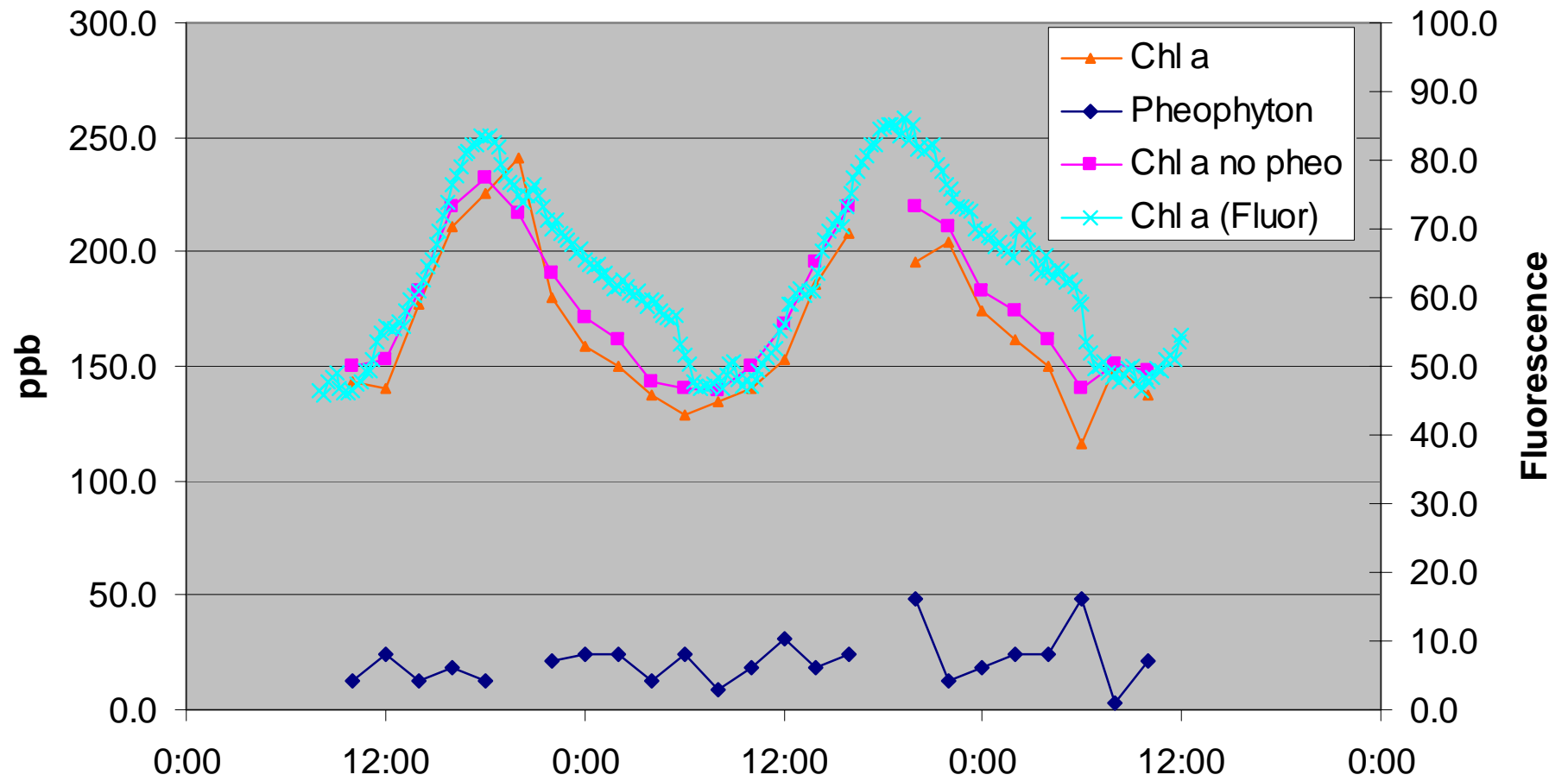
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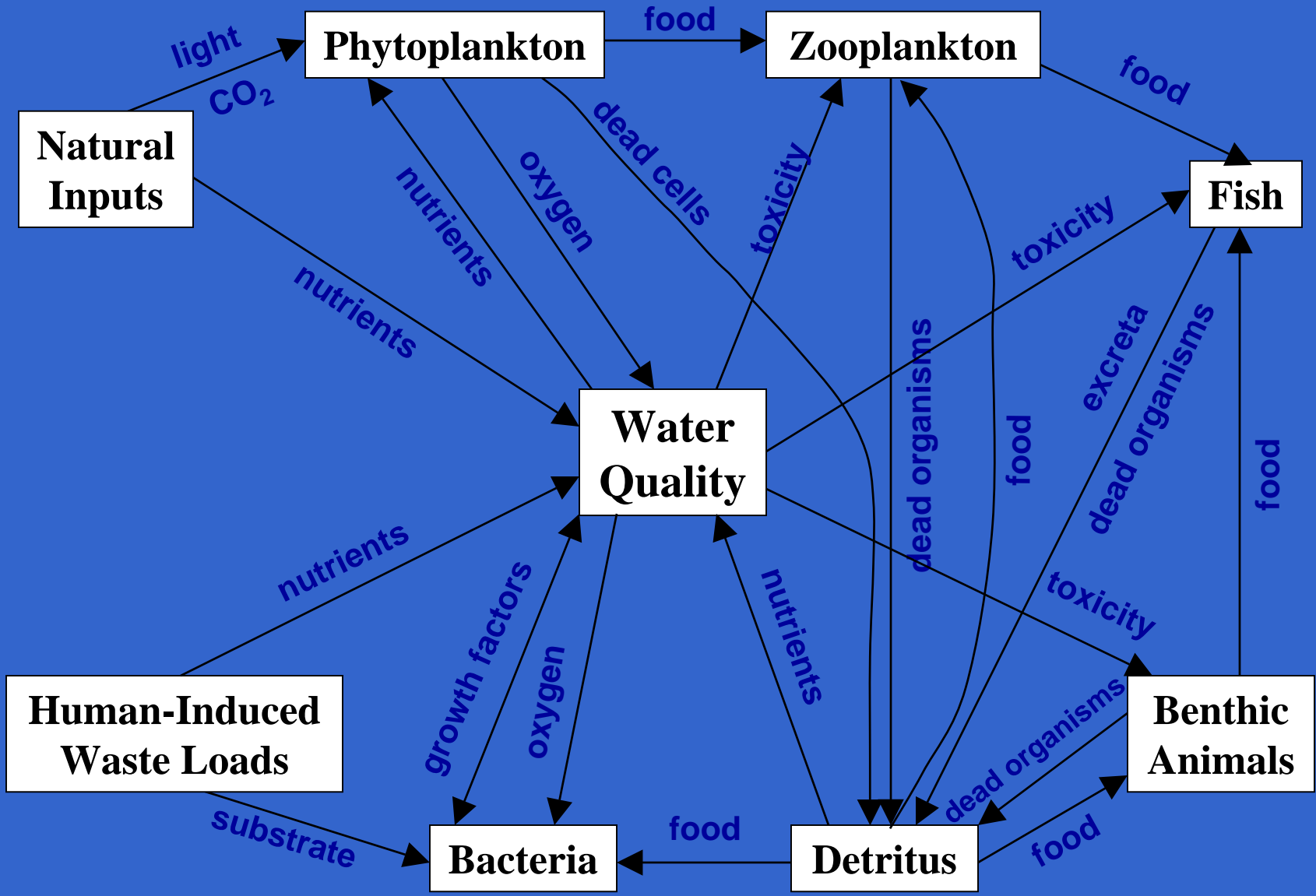


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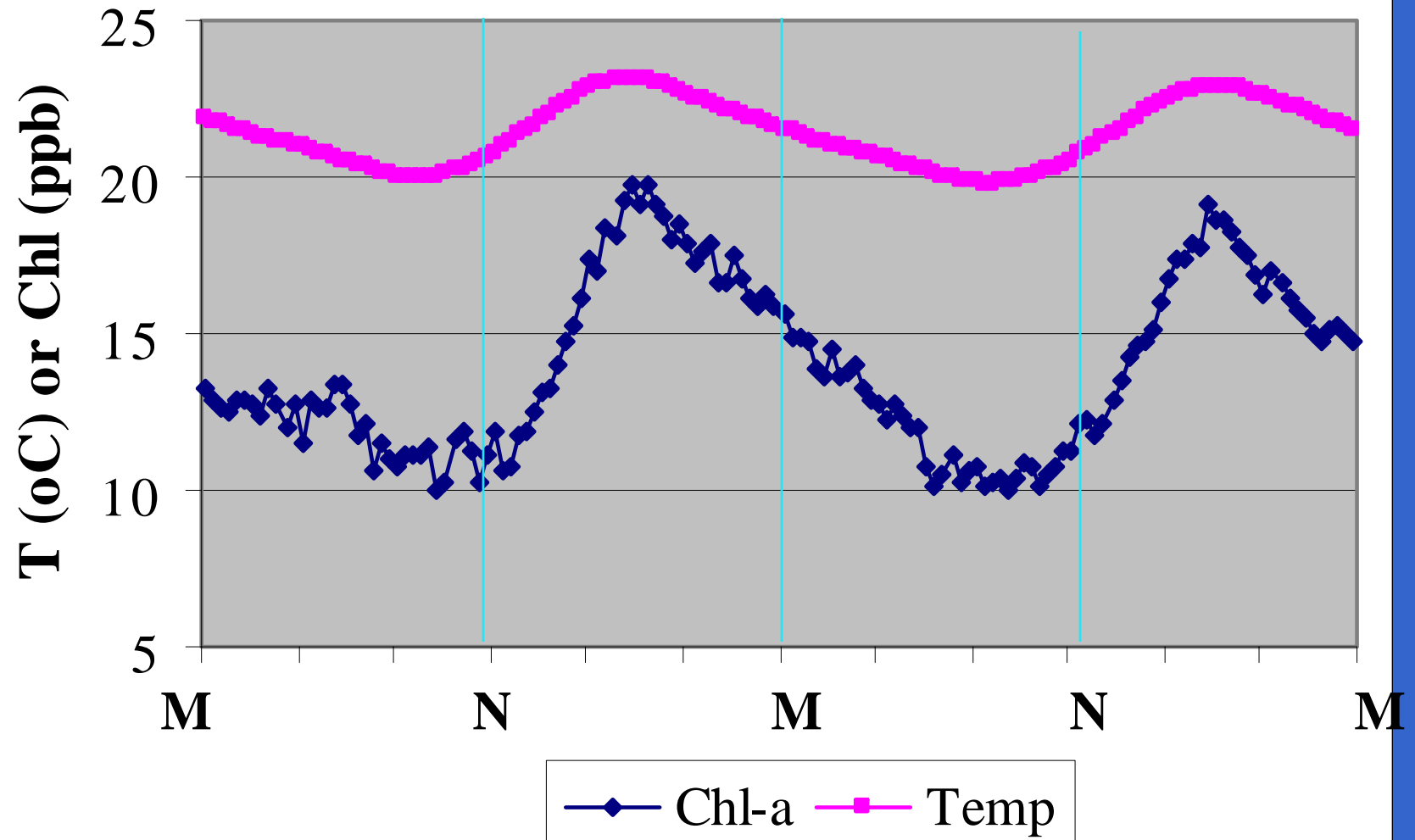


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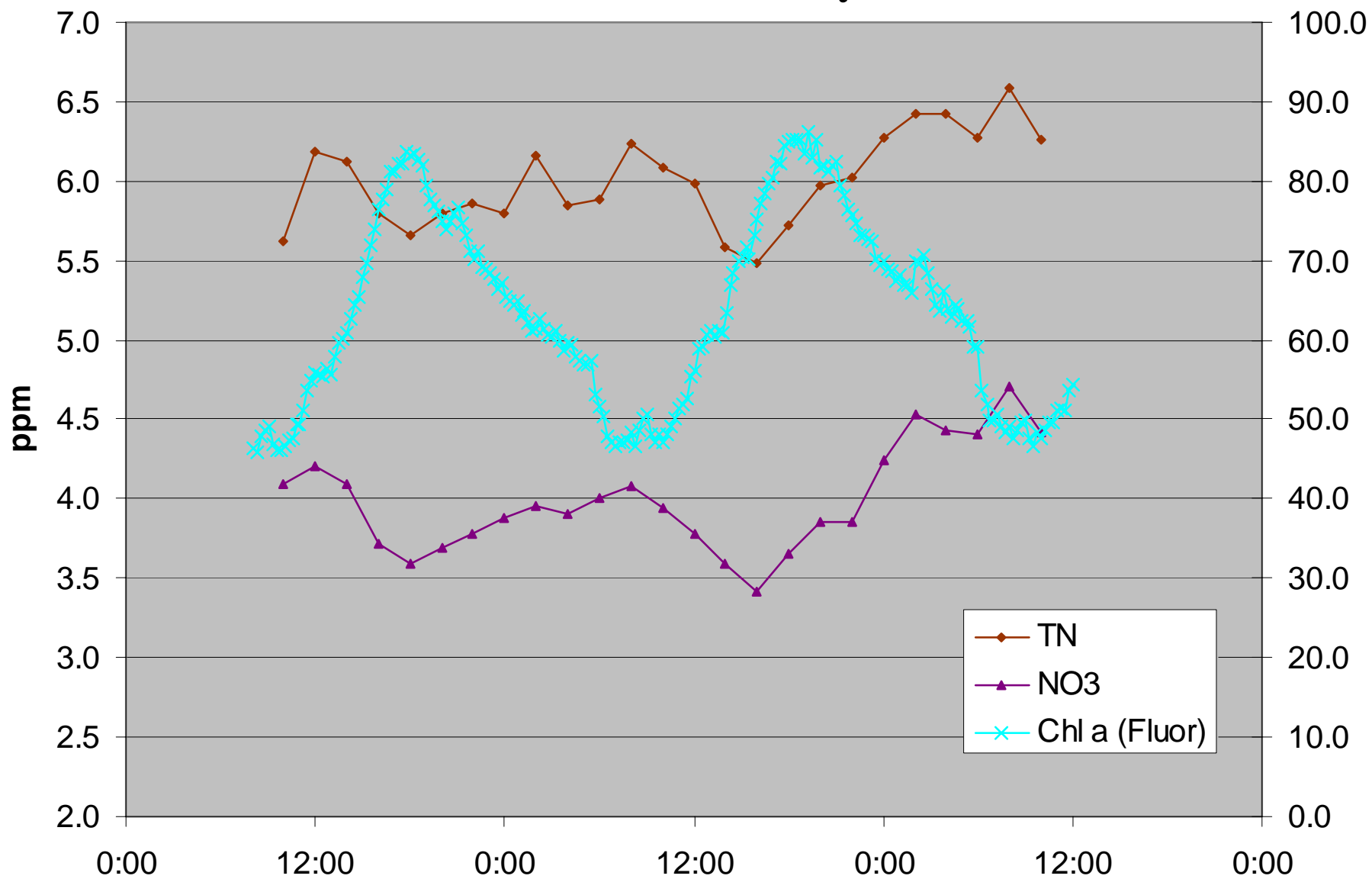




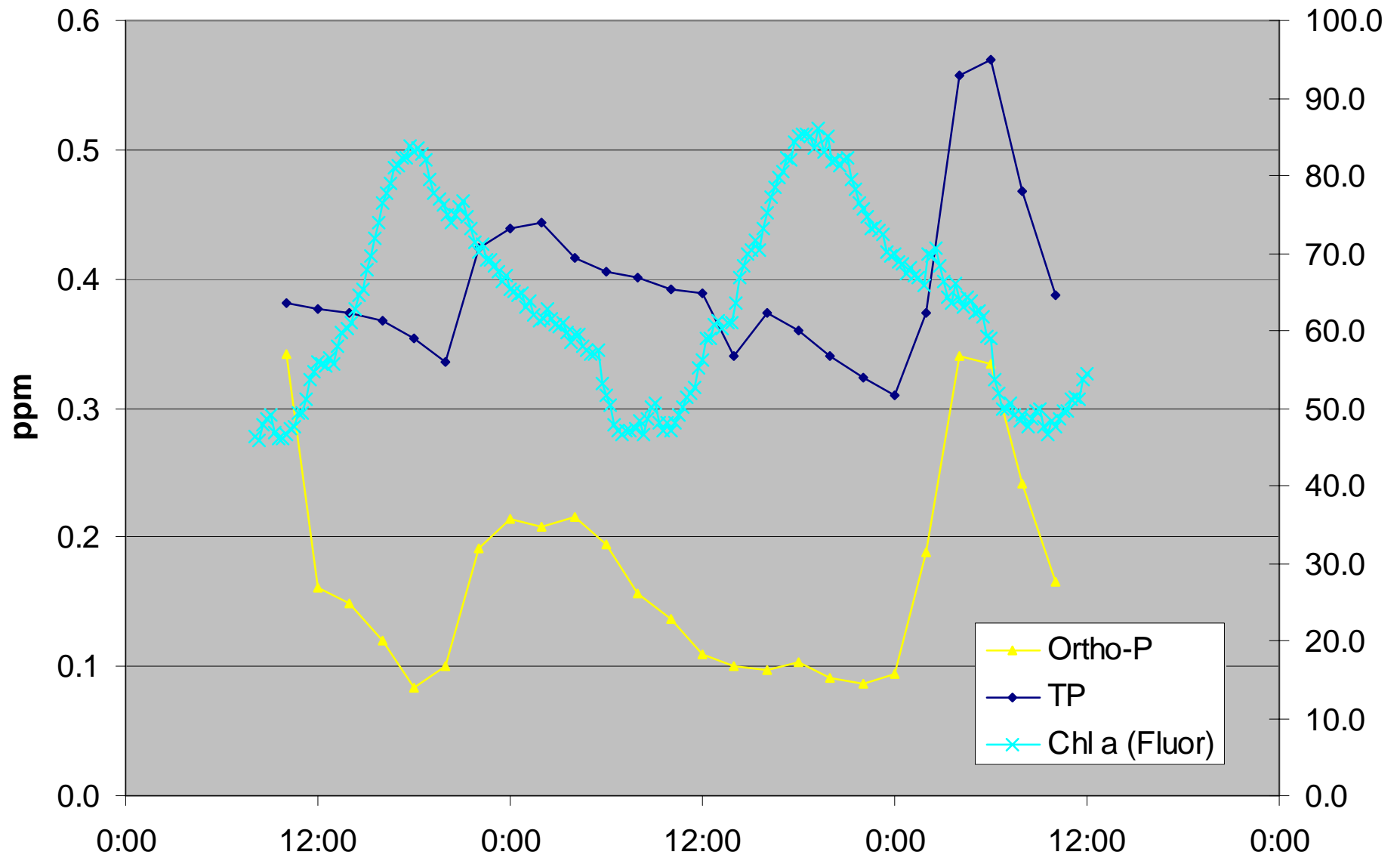
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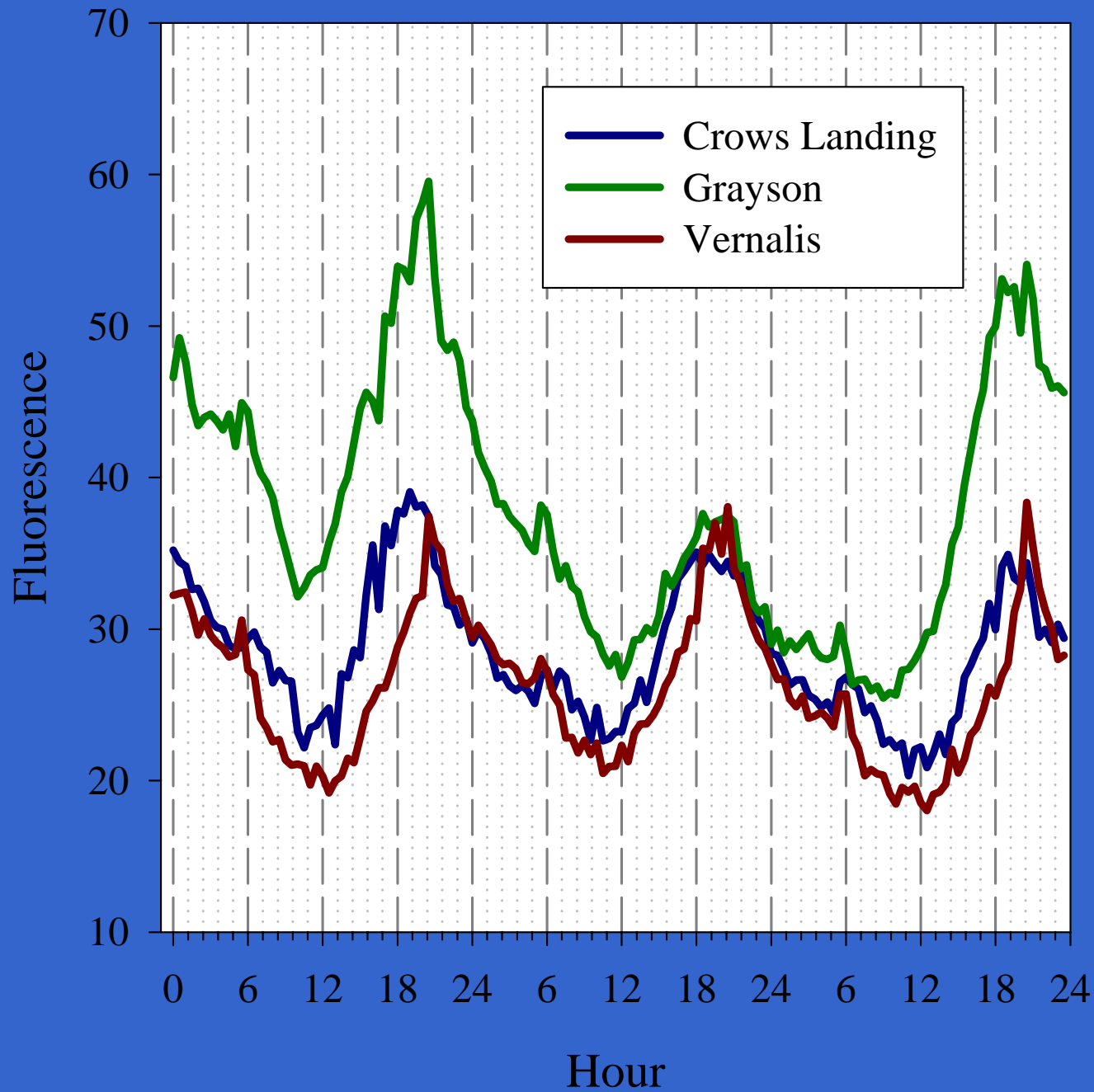
Nutrients 6-30-04 Grayson



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Fluorescence (June 25-27)



Flow (cfs)

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G 470

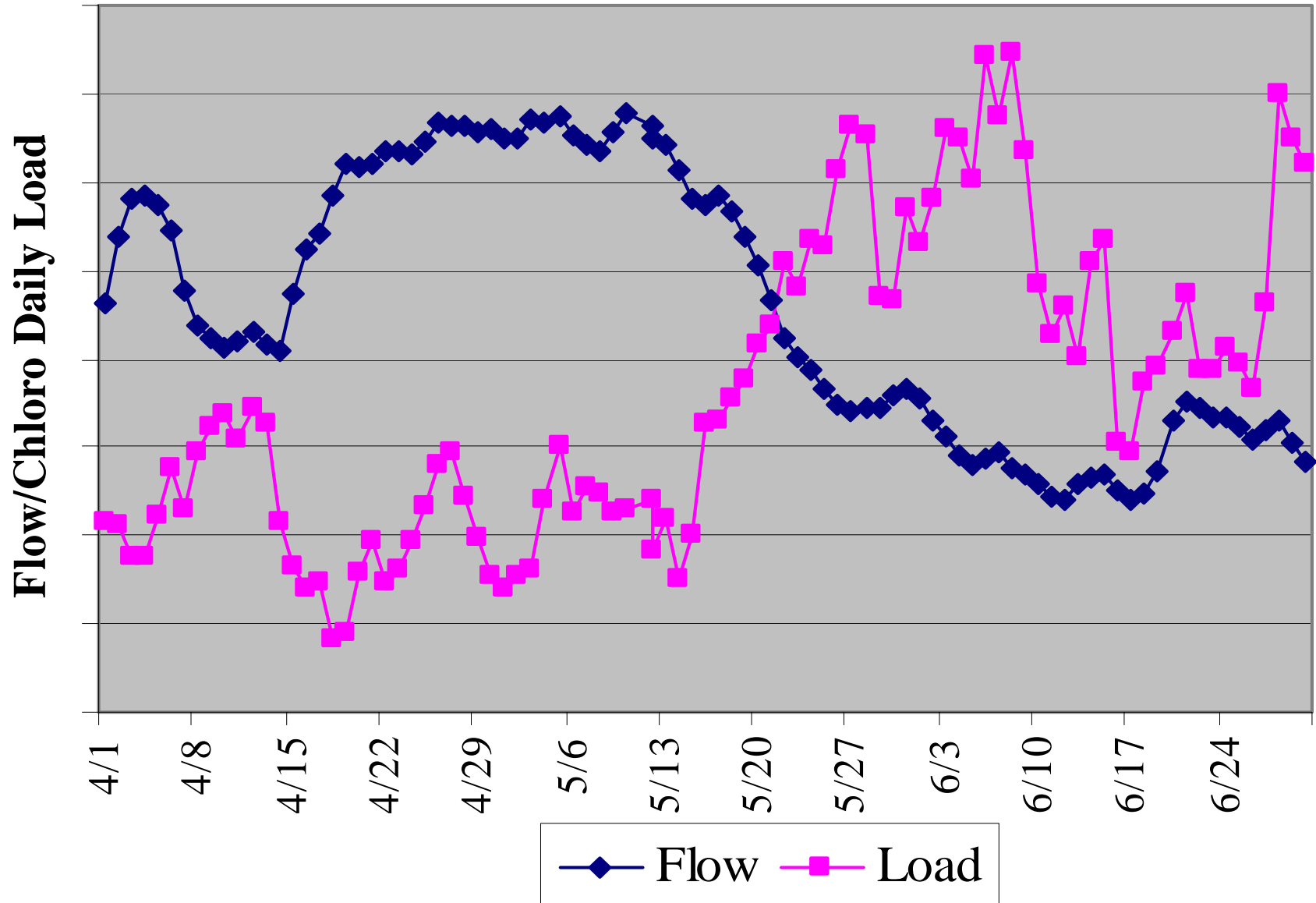
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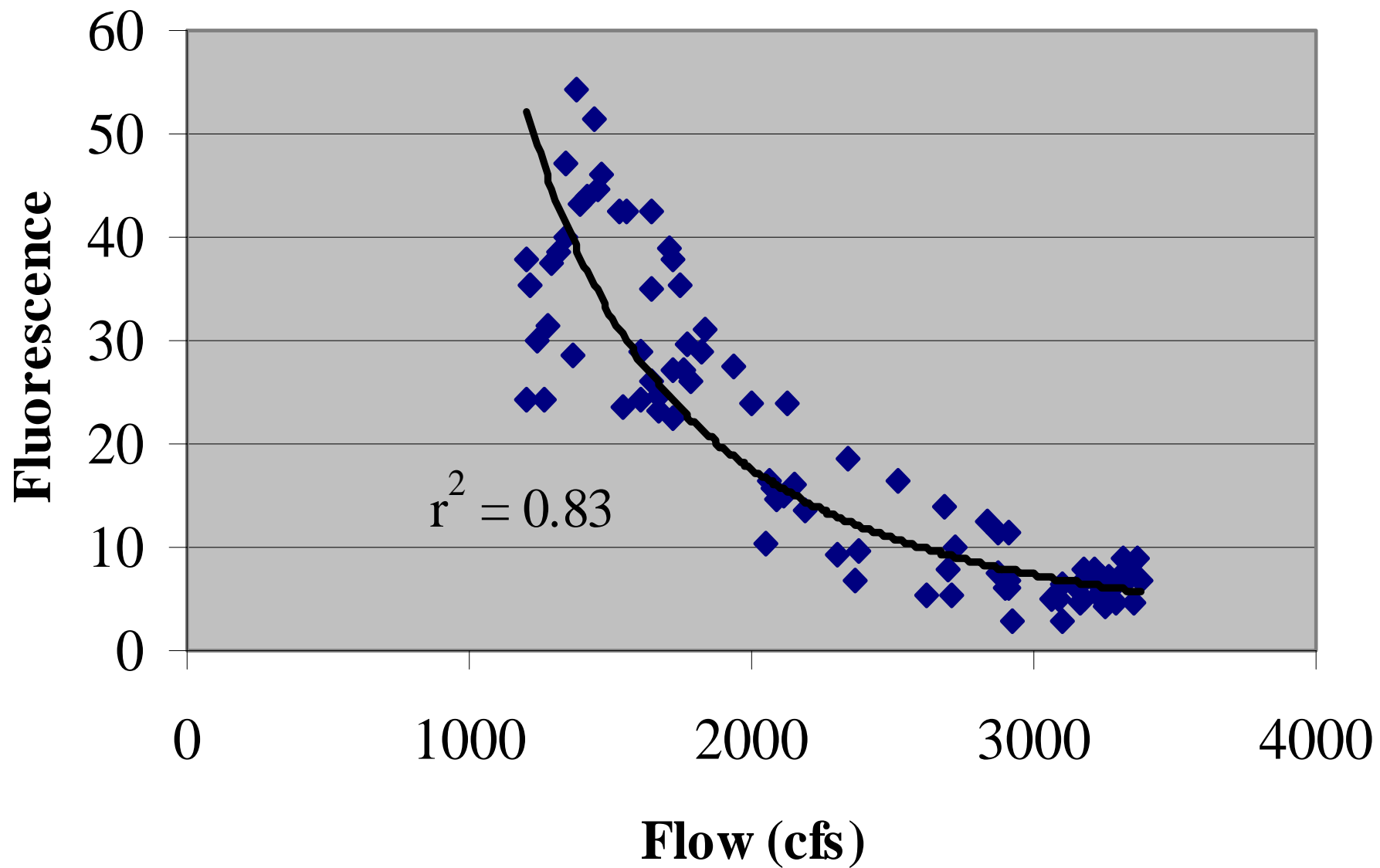
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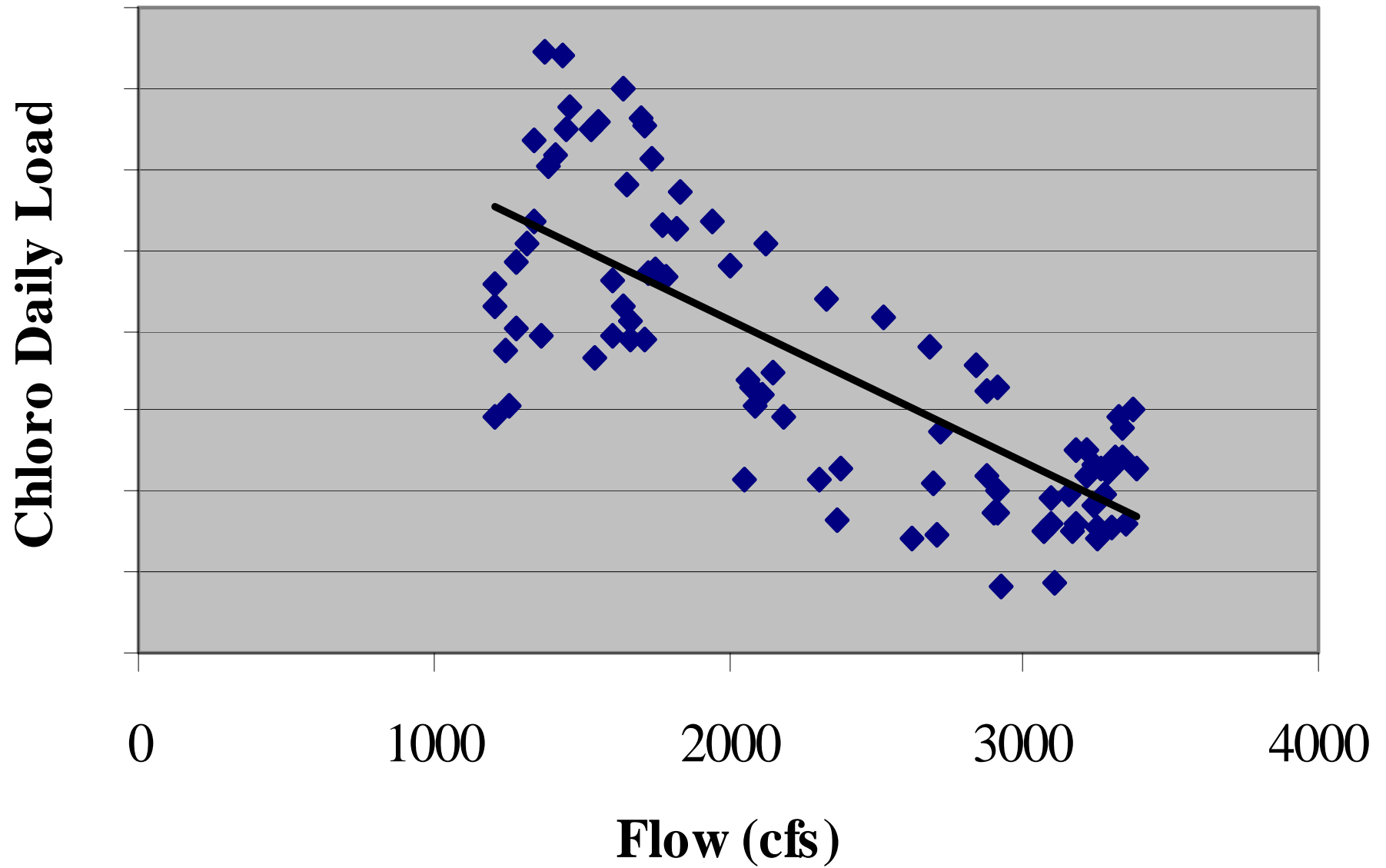
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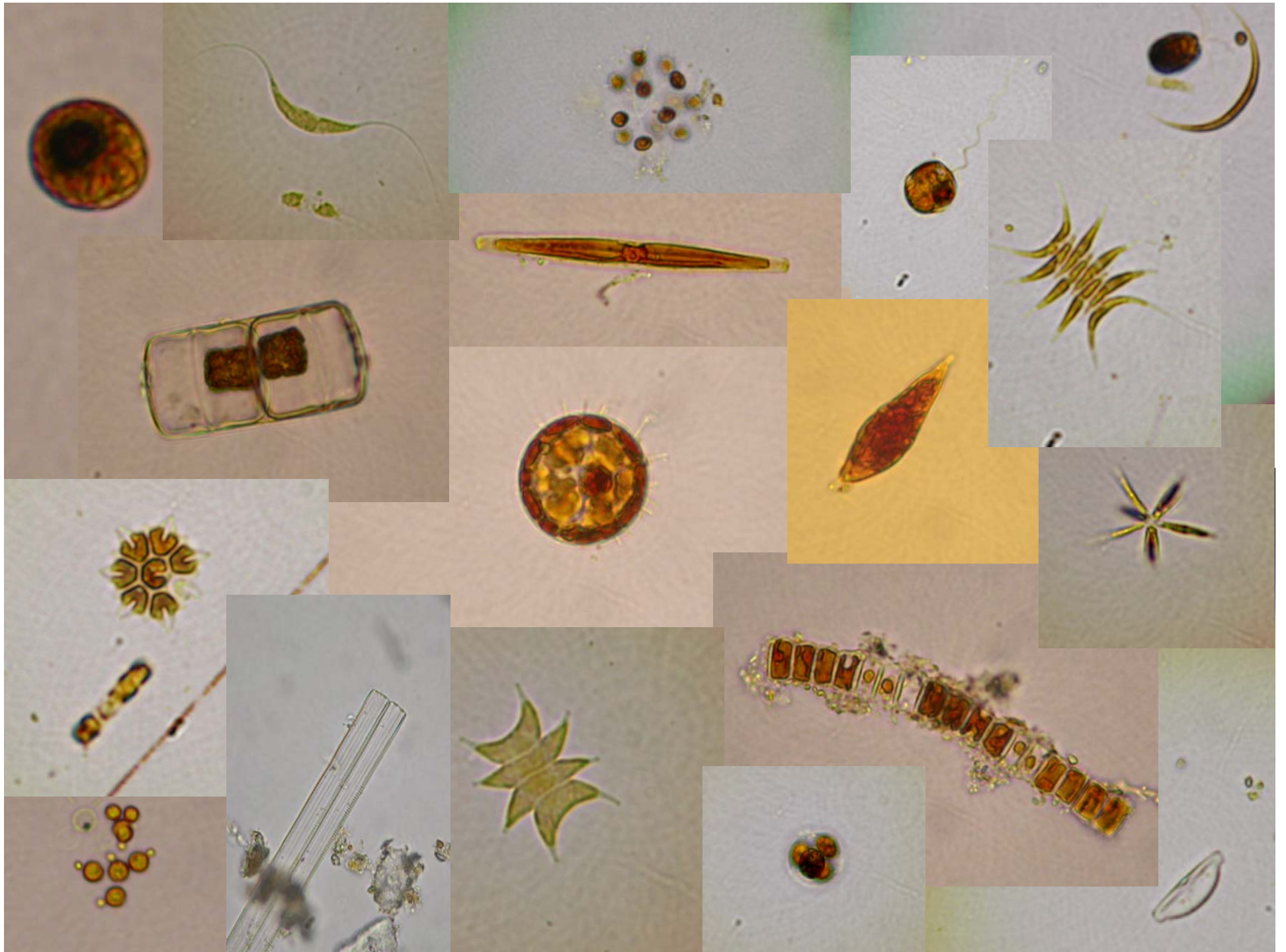


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Wetland Treatment of Agricultural Return Flows





Inlet Outlet

Water Quality Parameters

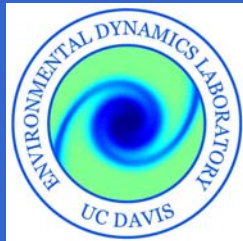
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Funding

- **USFW**
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- **SWRCB**
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Hydrodynamic and Oxygen Modeling of the Stockton Deep Water Ship Channel ERP-02D-P51



Civil & Environmental Engineering
UC DAVIS

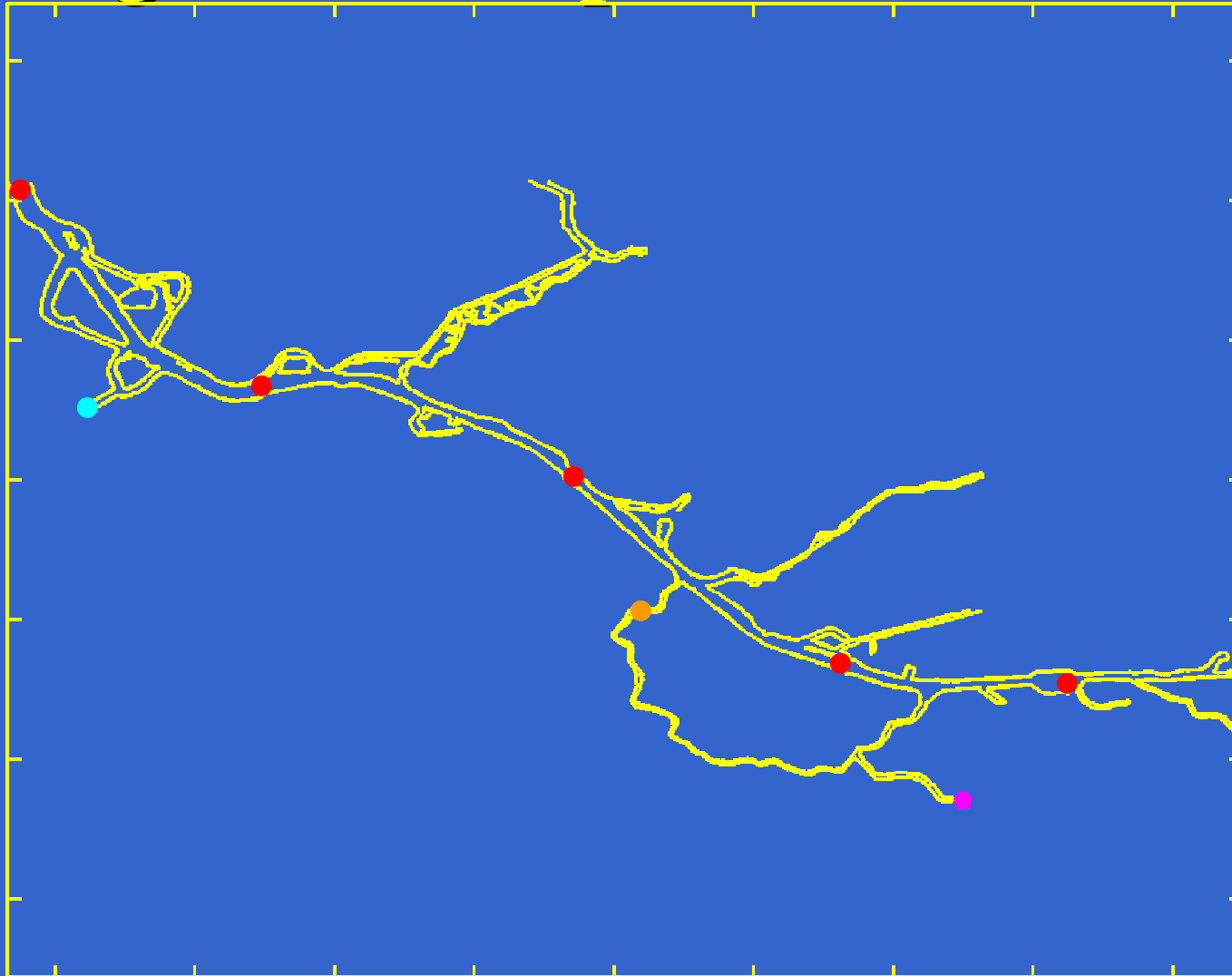


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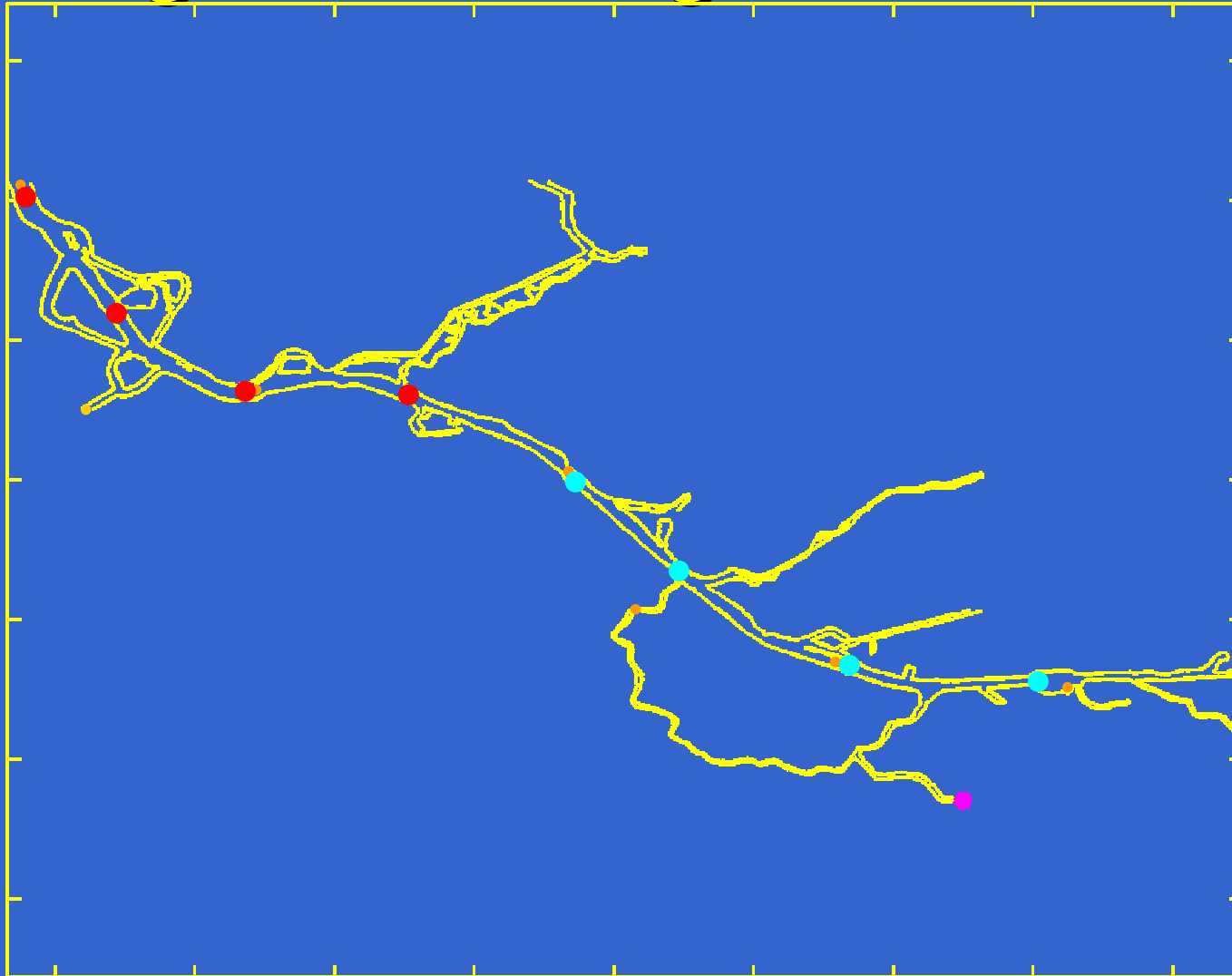
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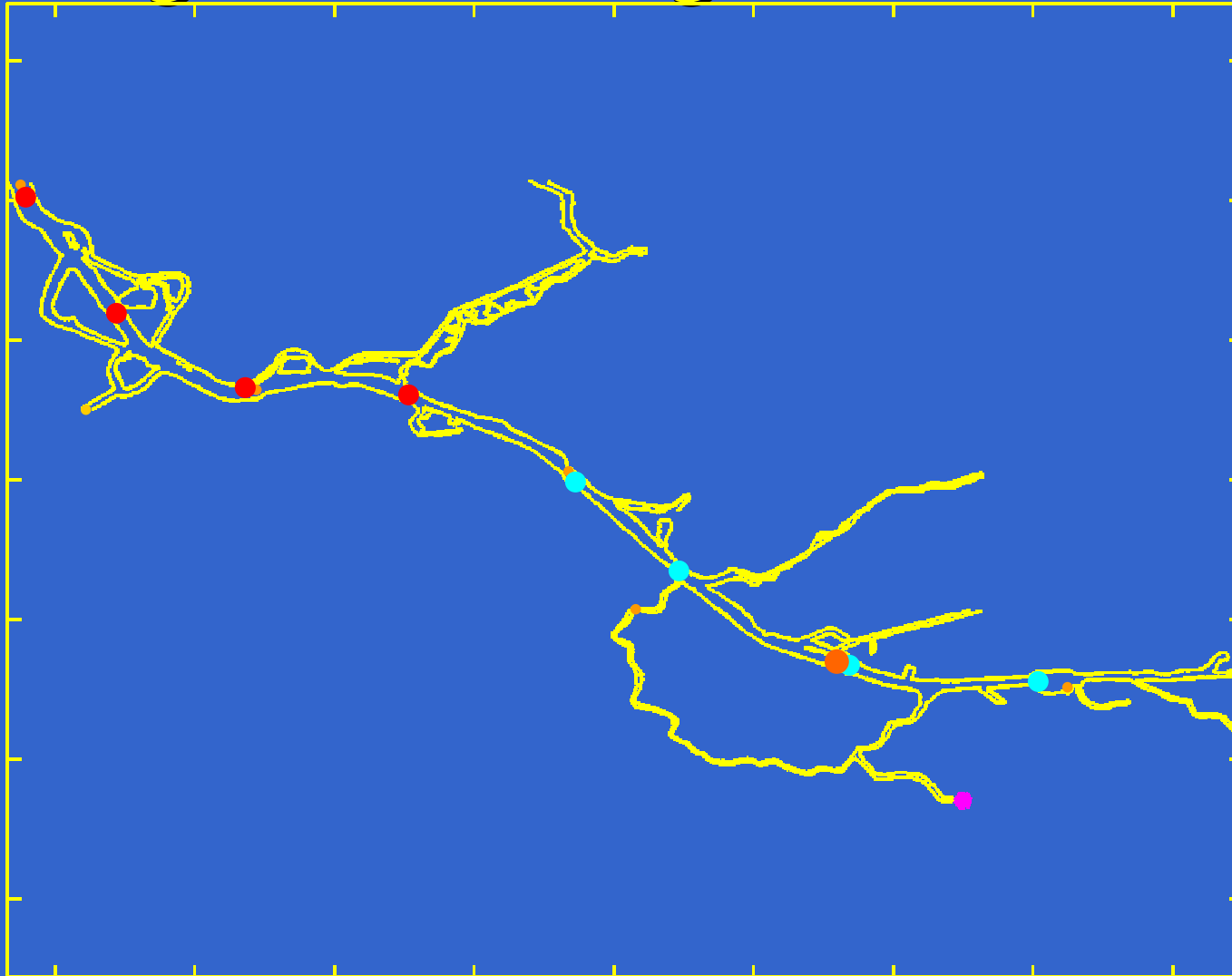


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August 9 & August 16, 2004



30-hour single site study August 9 & August 16, 2004



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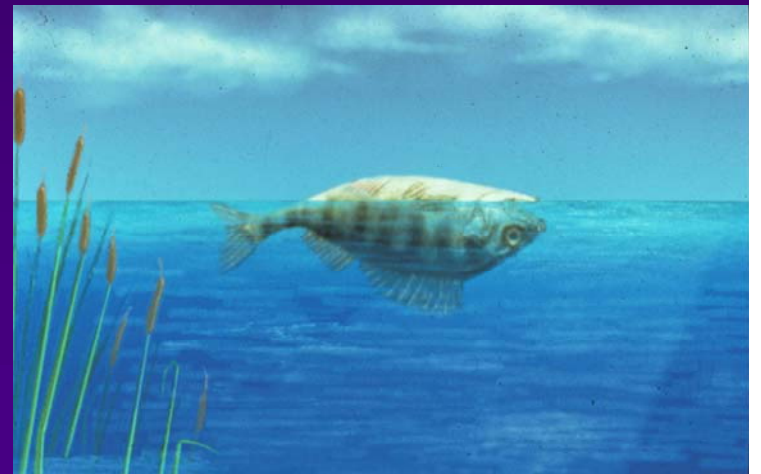
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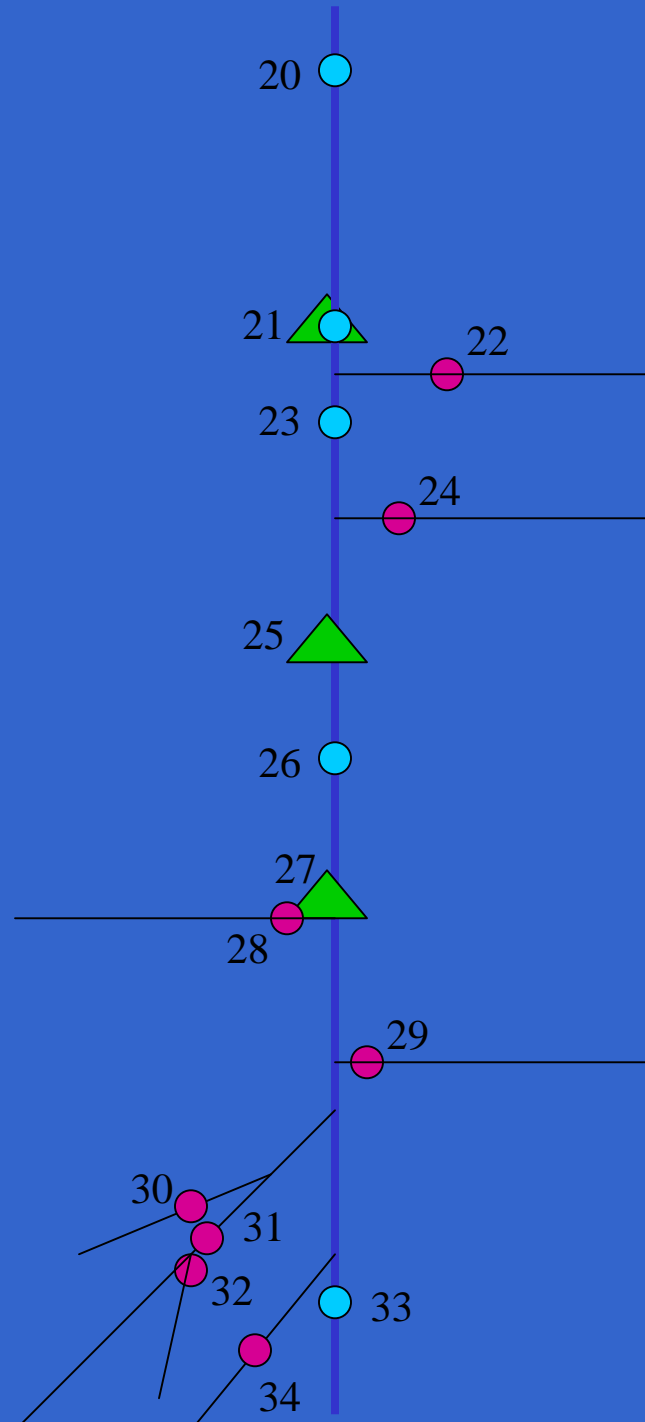
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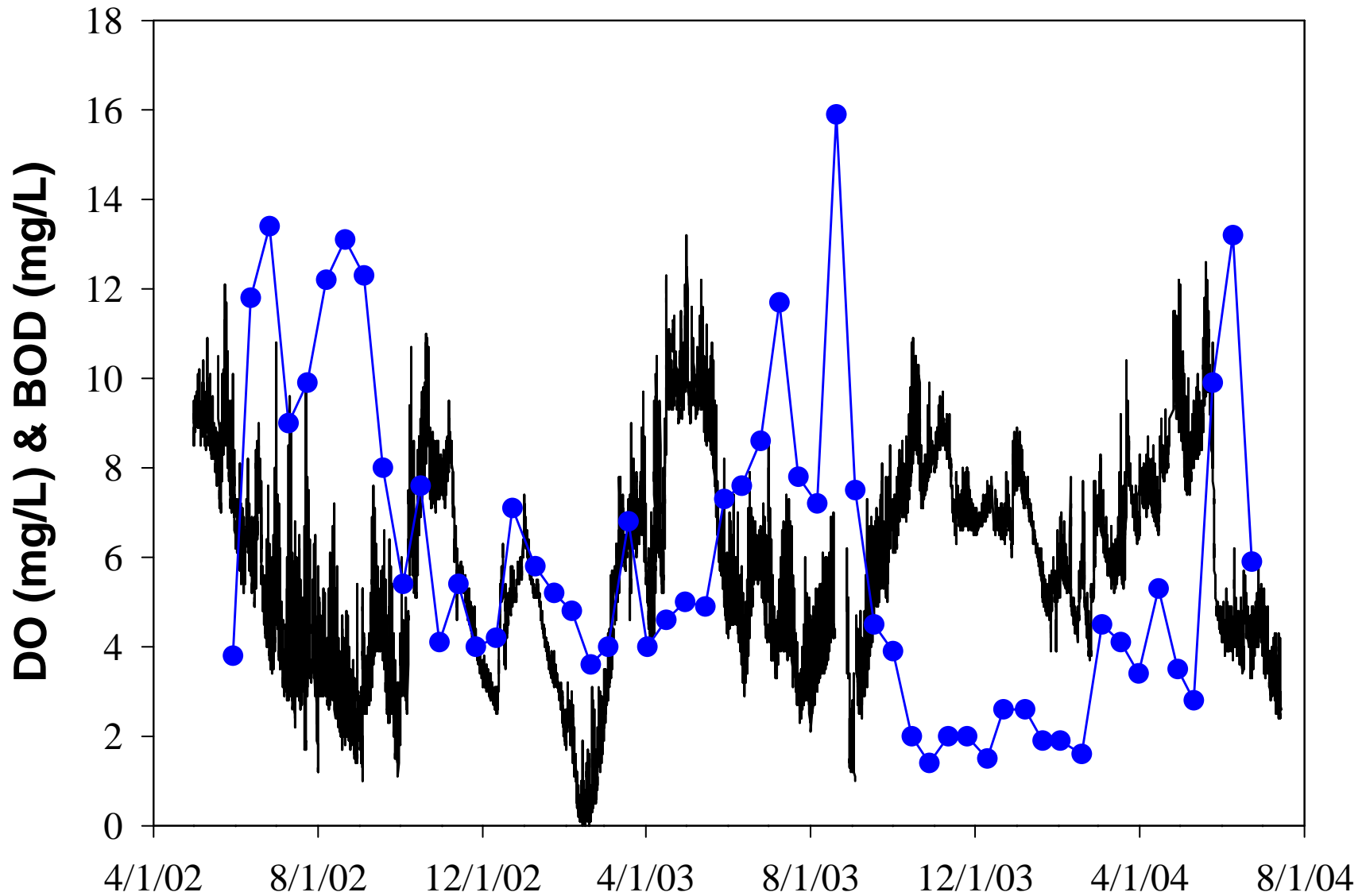
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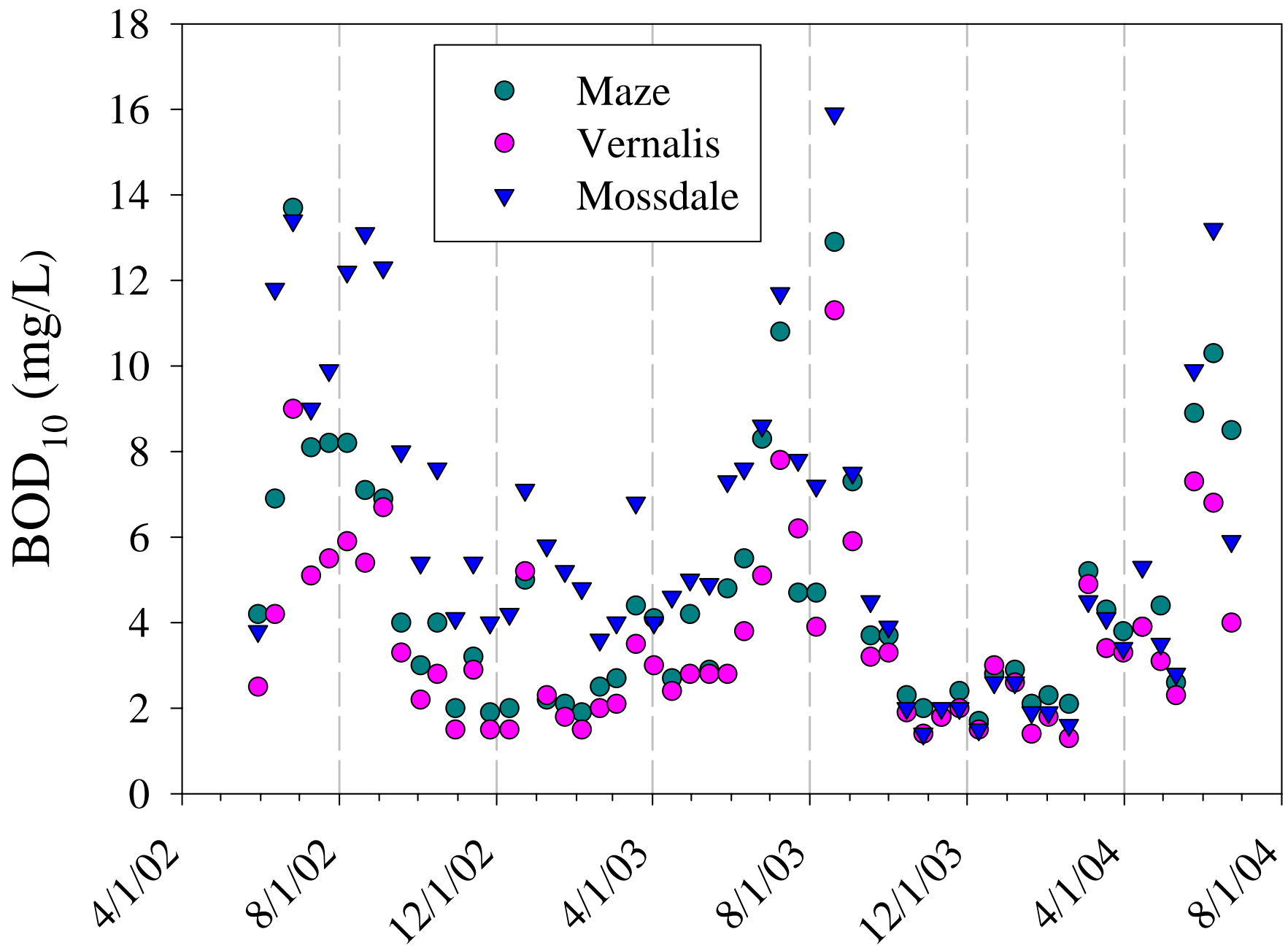
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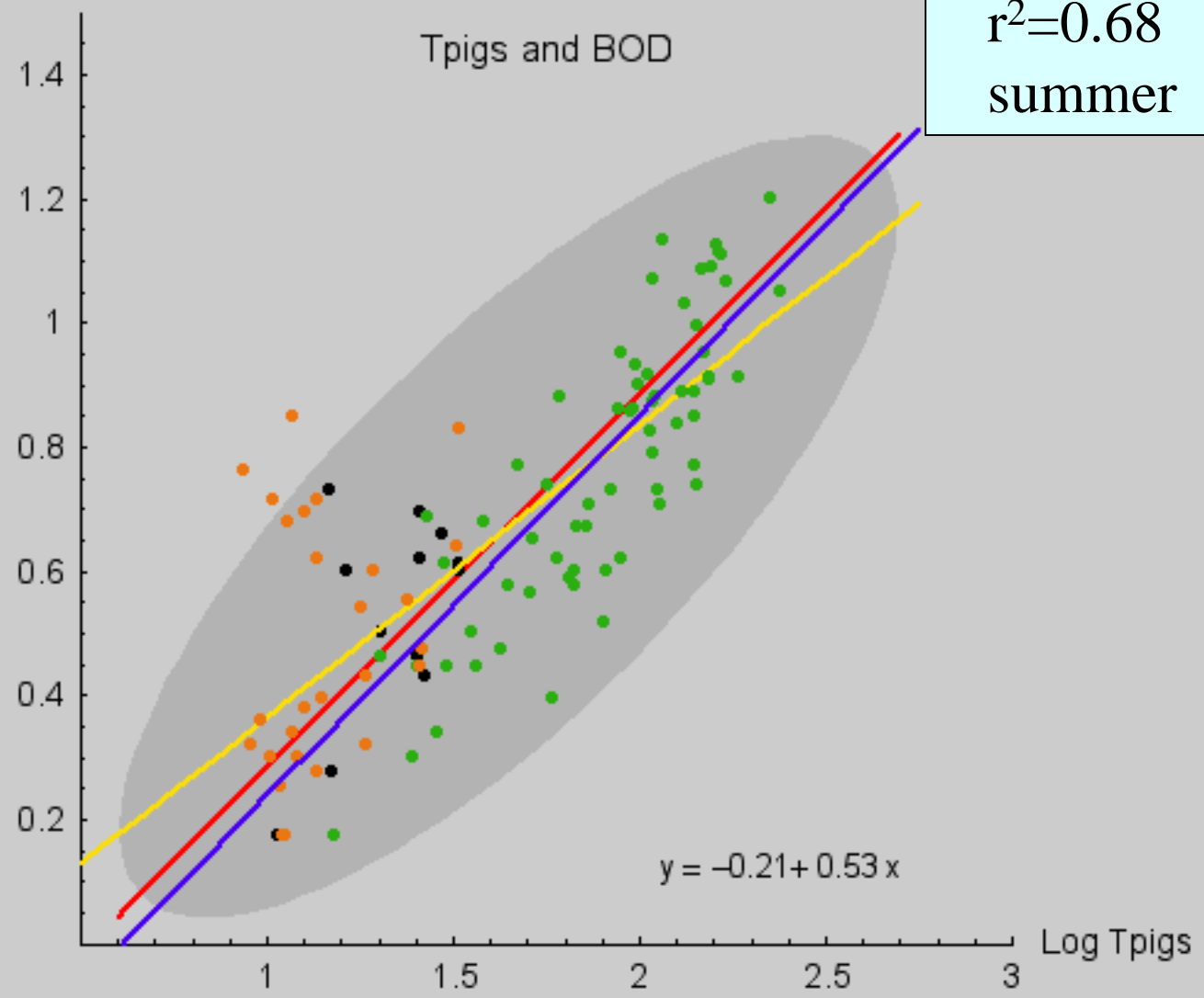




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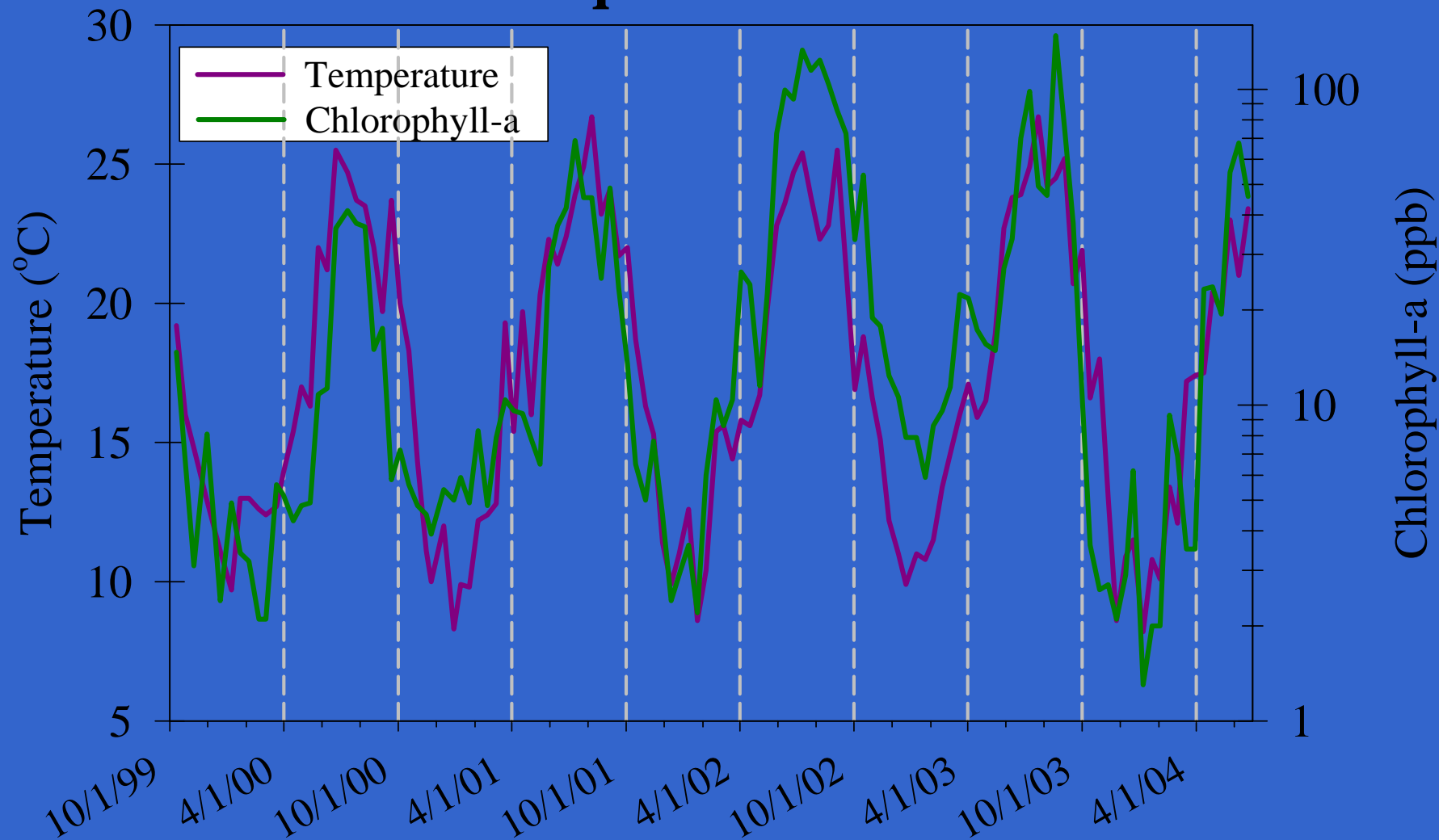
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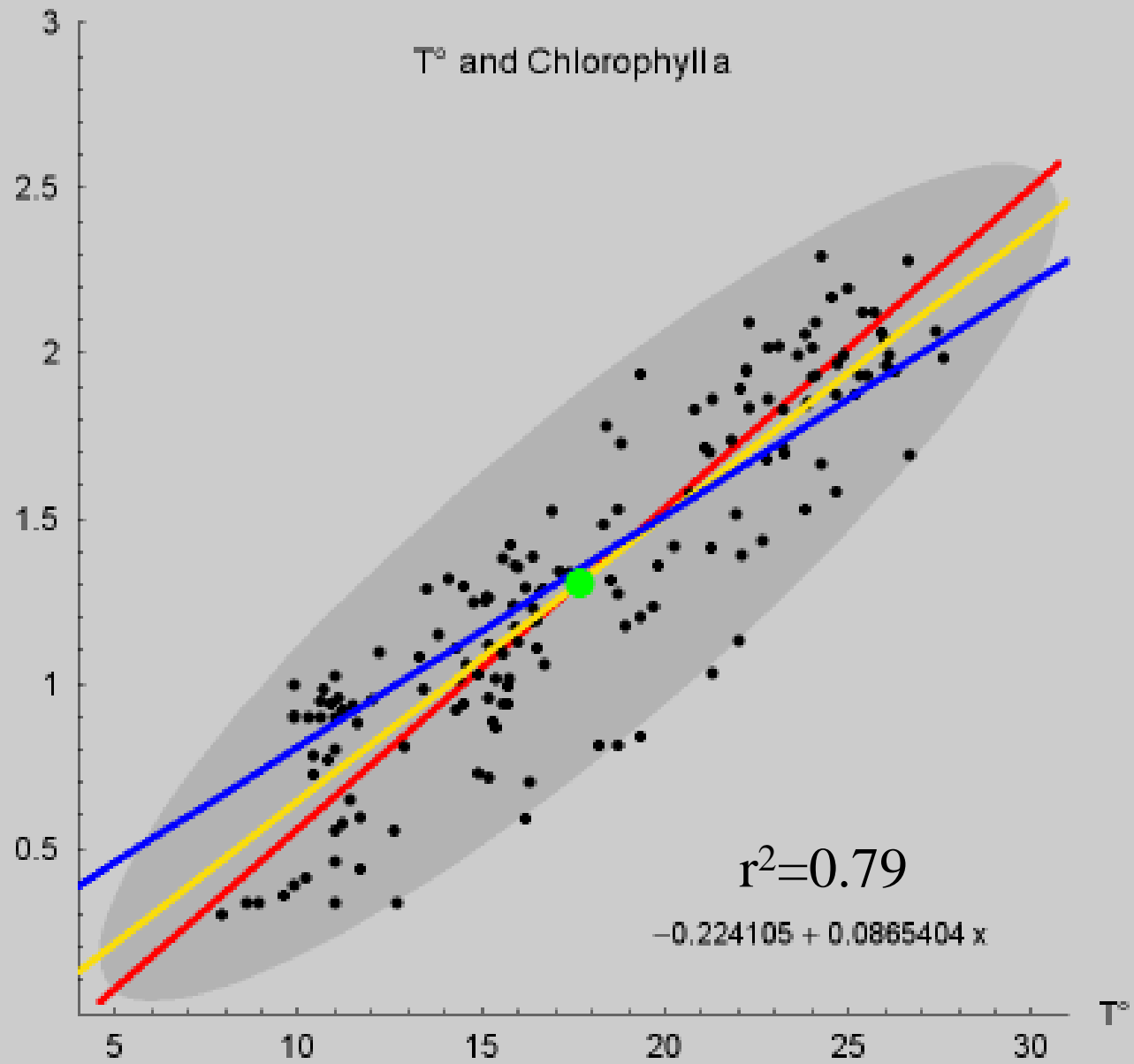
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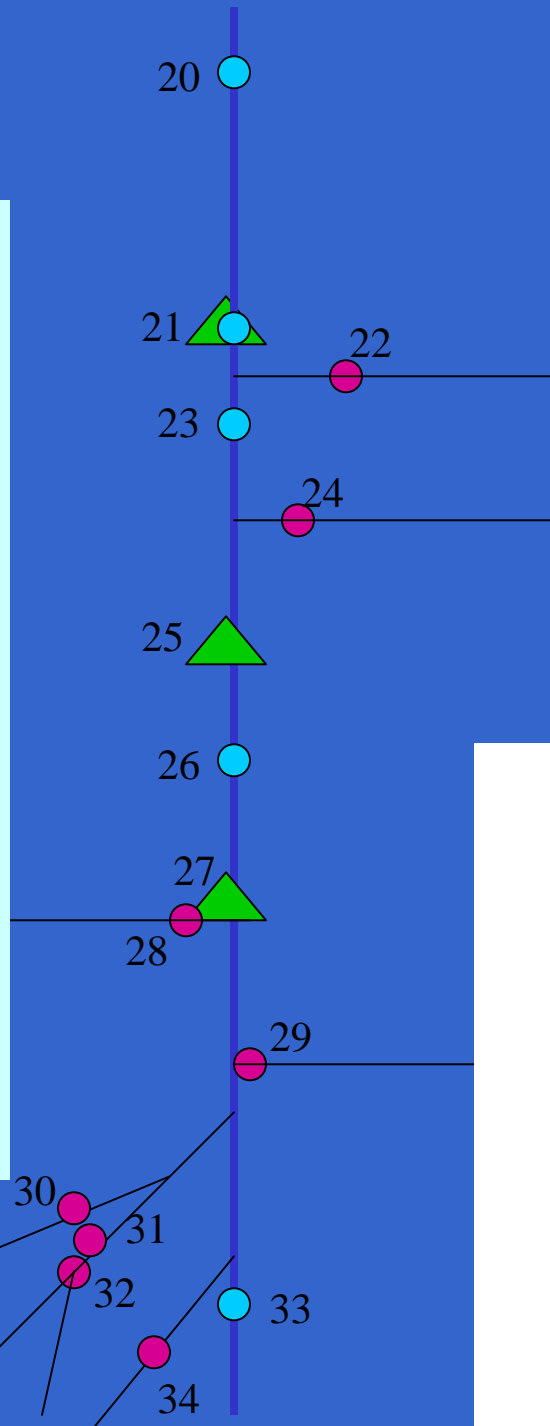
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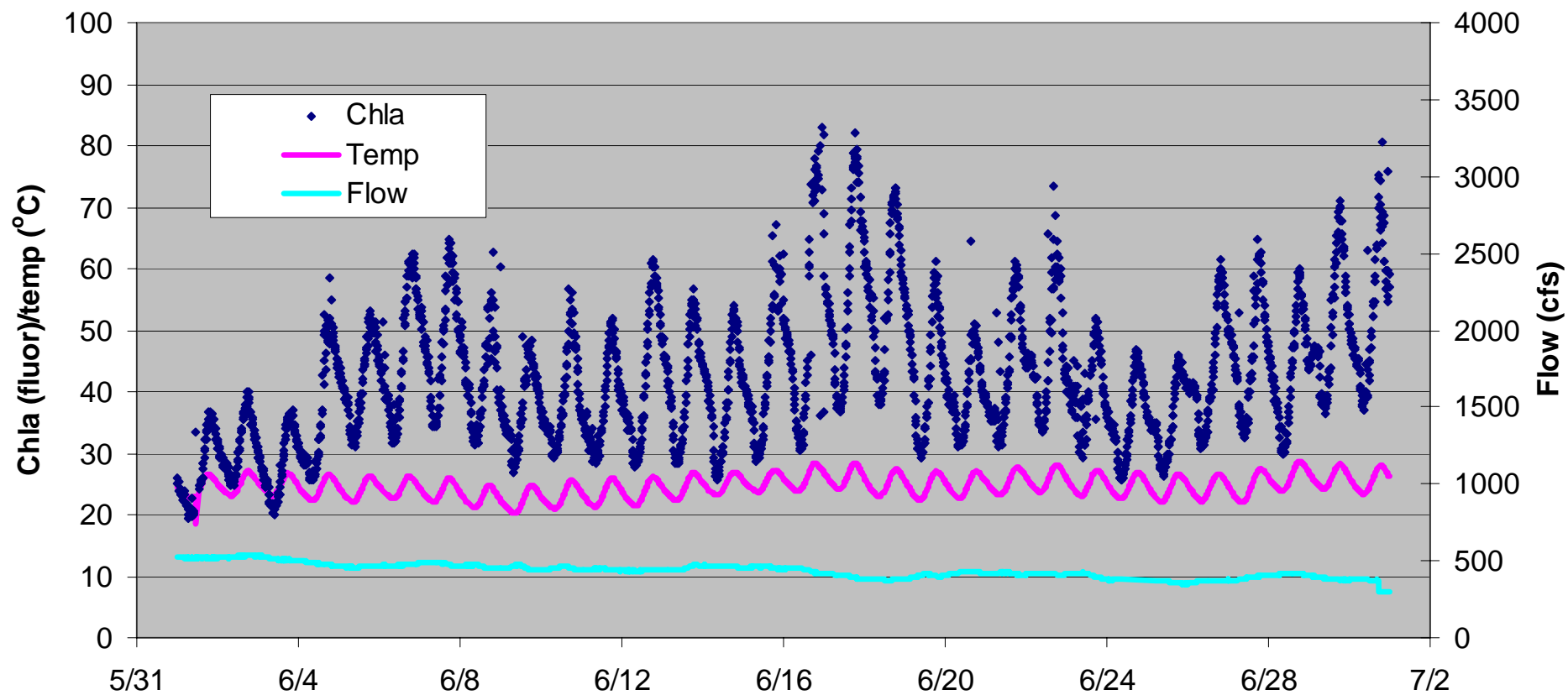
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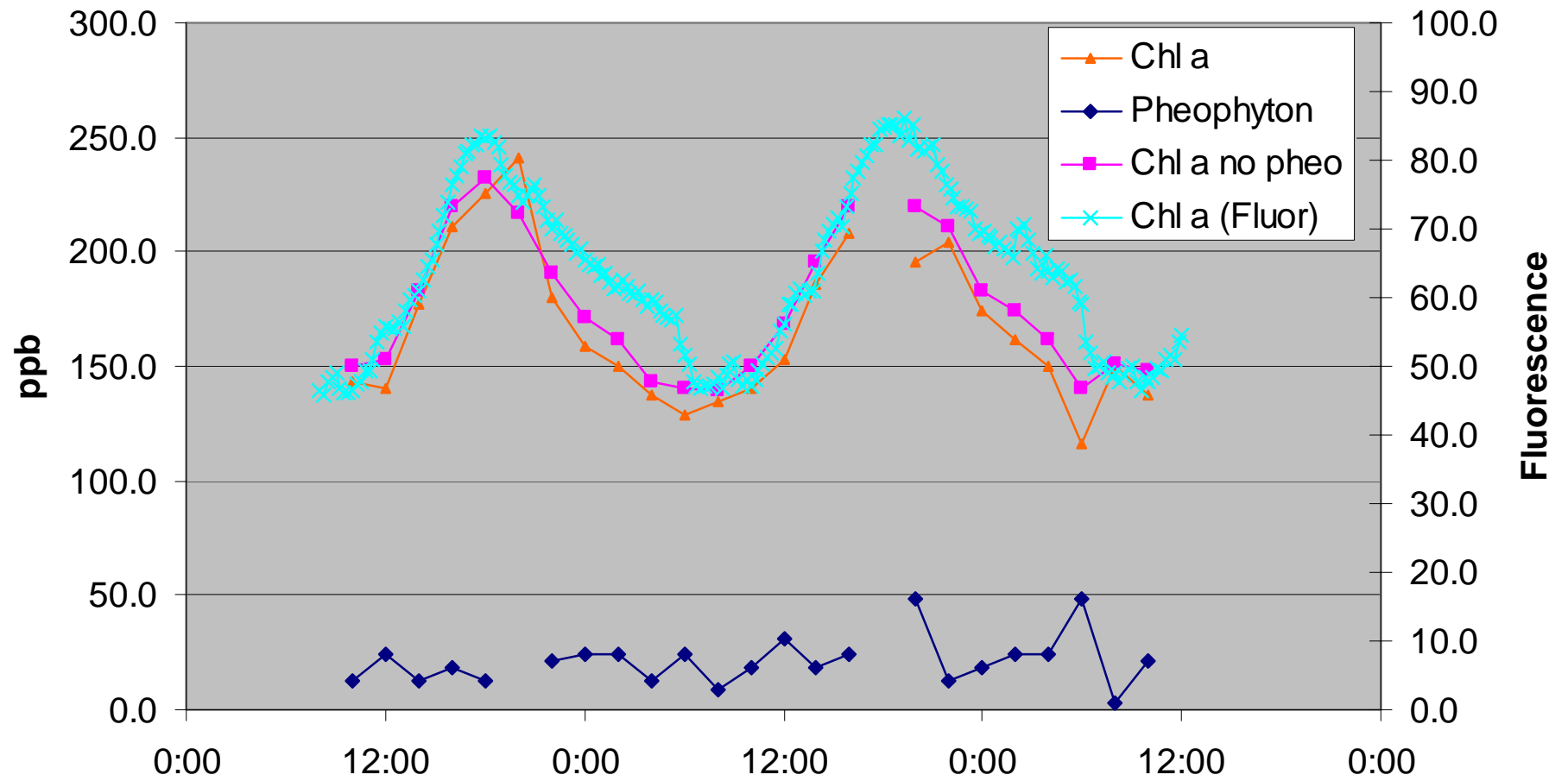
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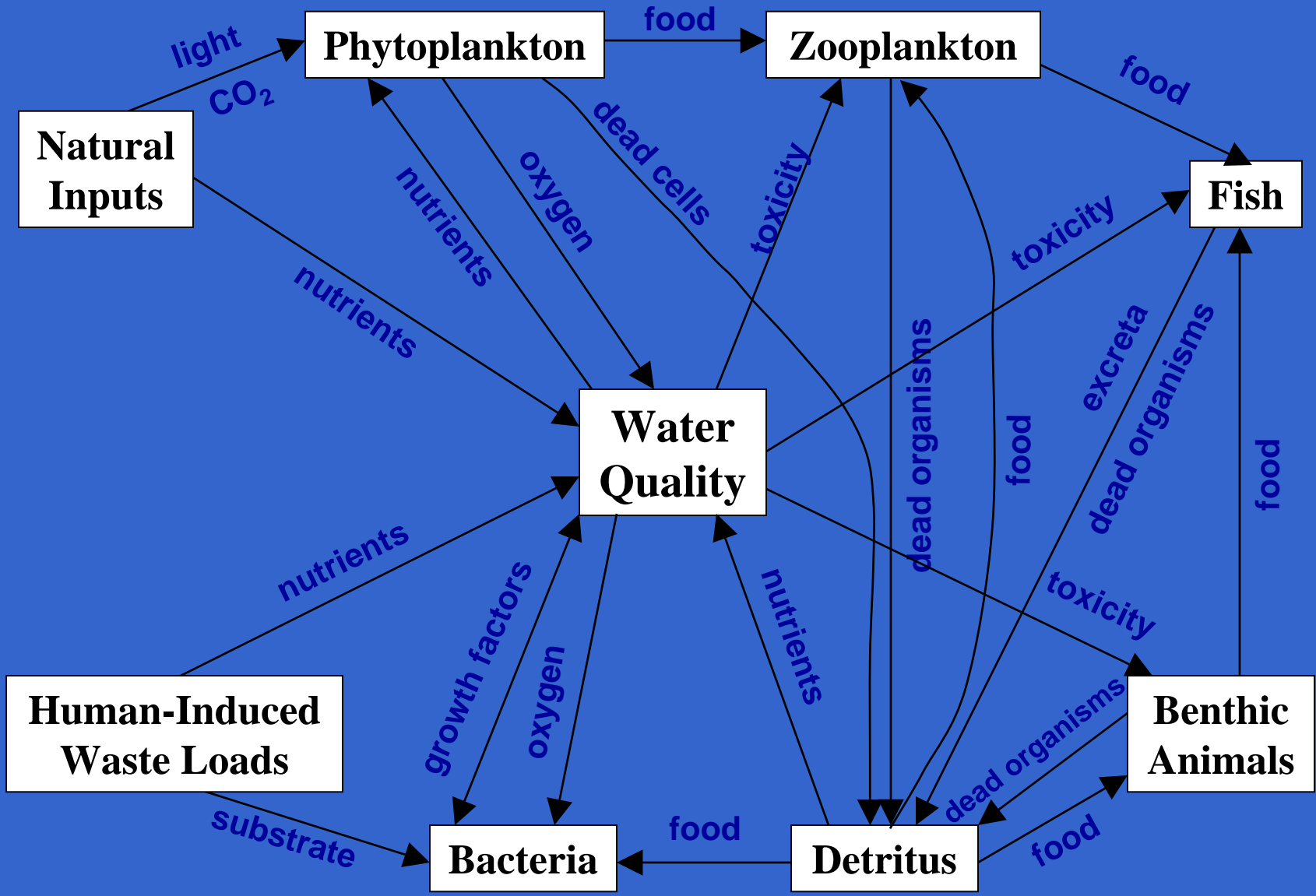


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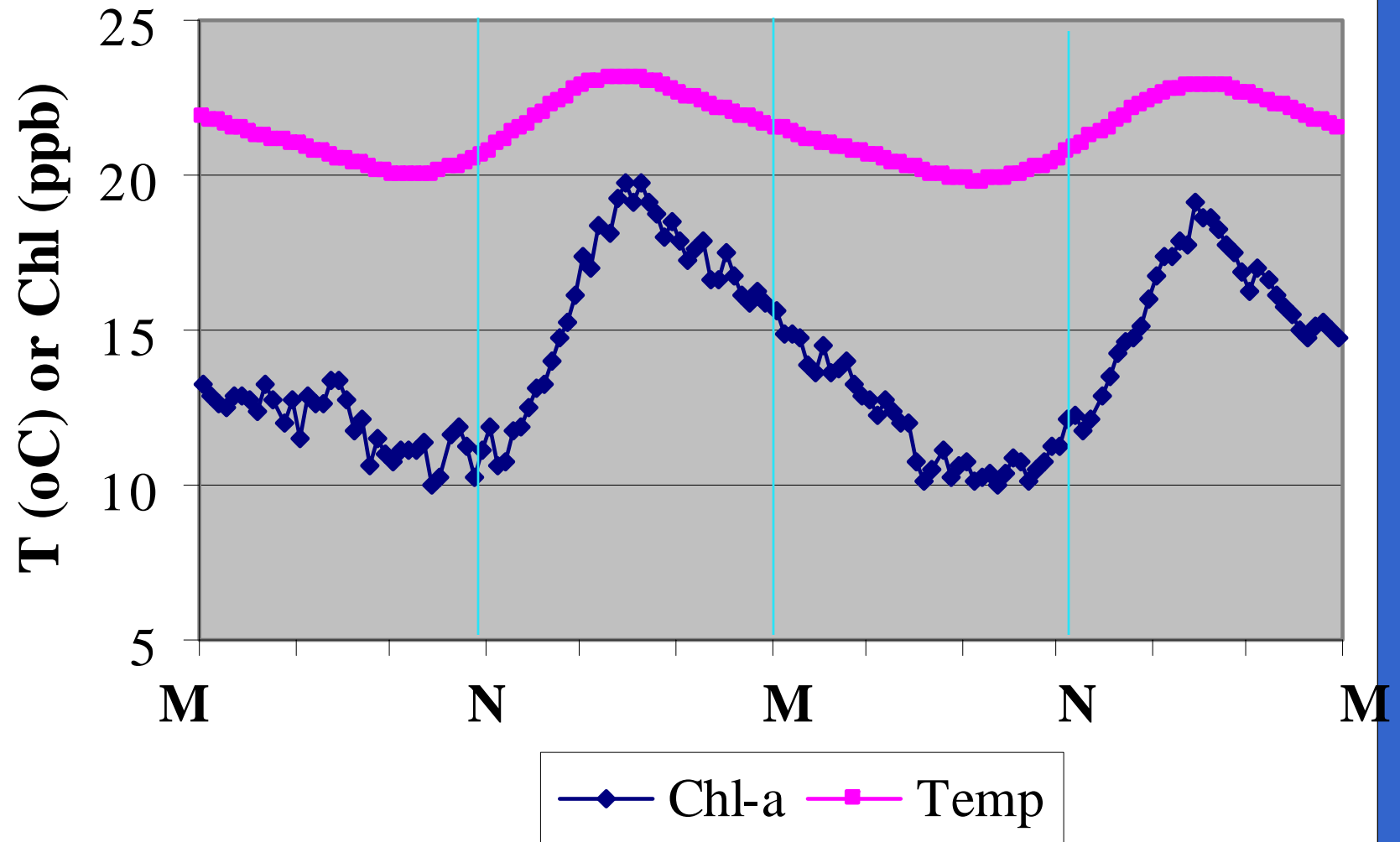


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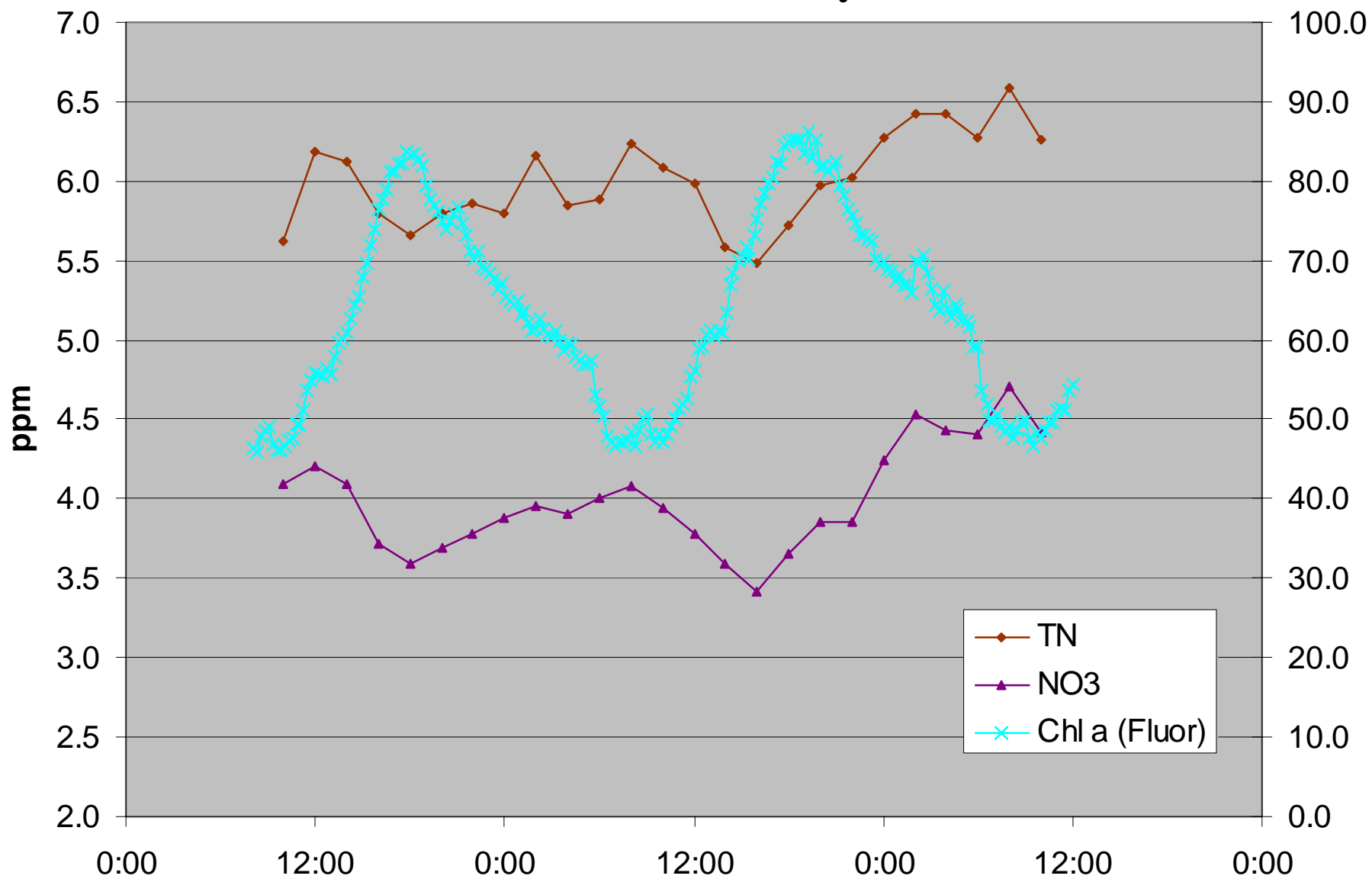




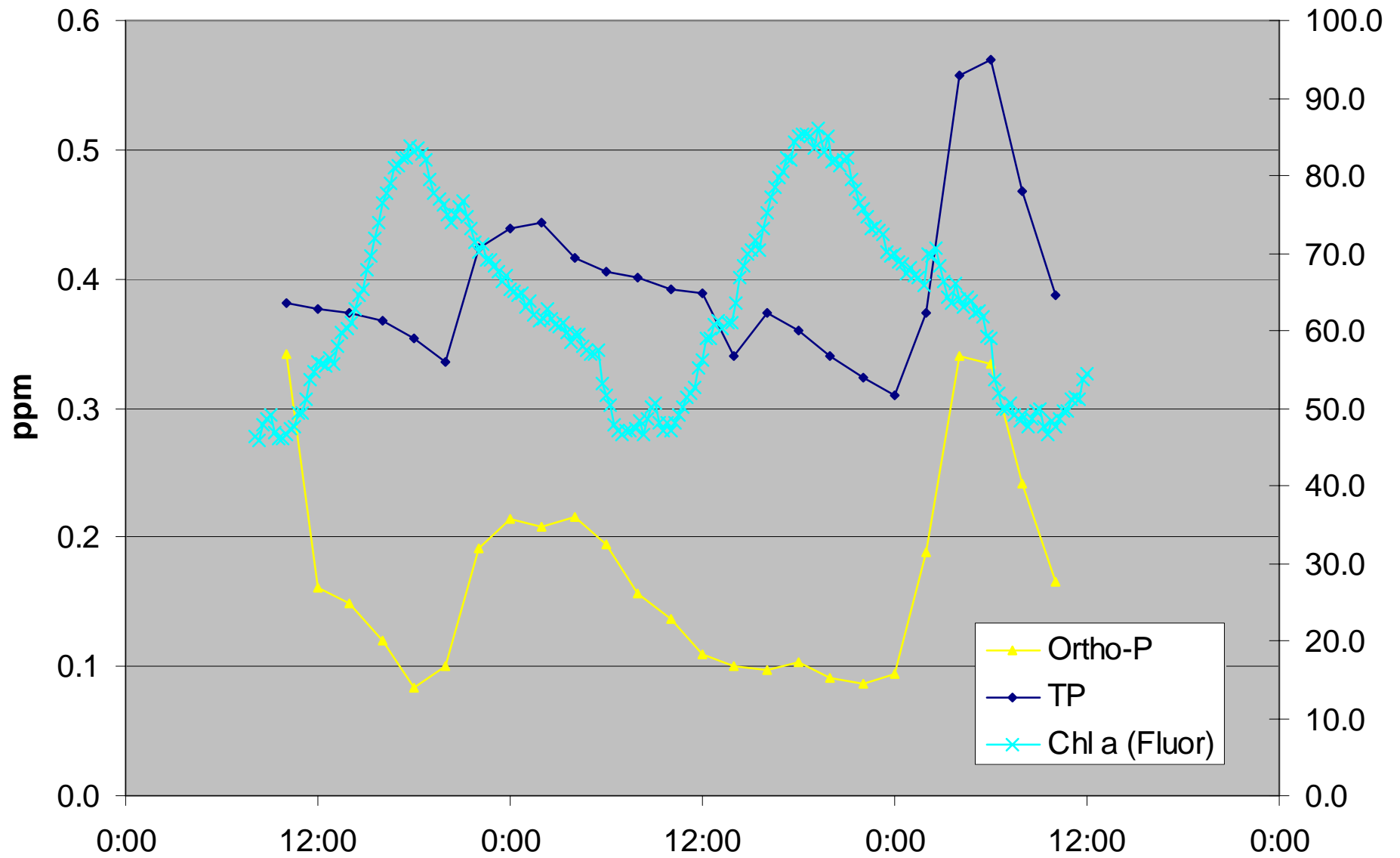
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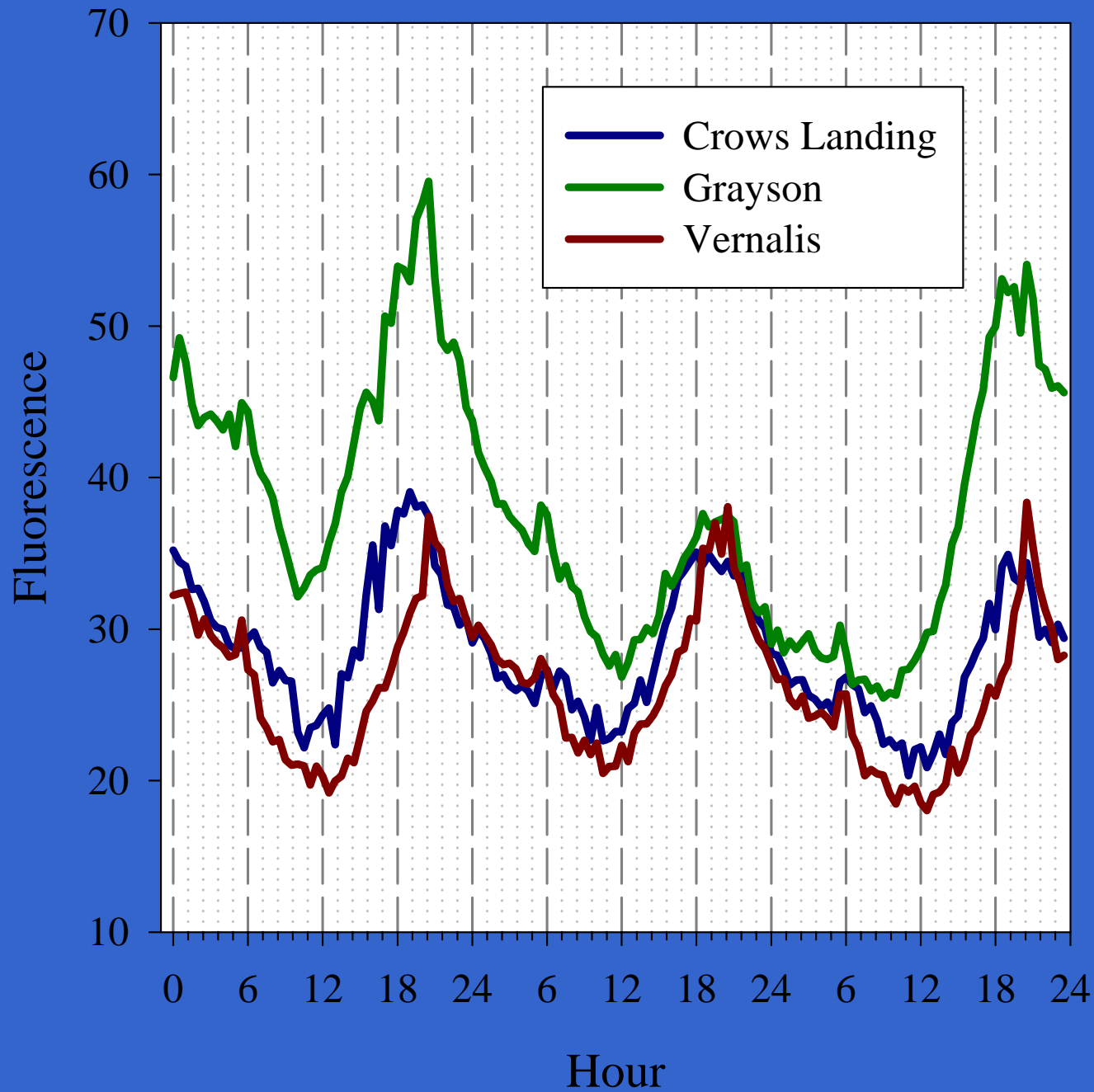
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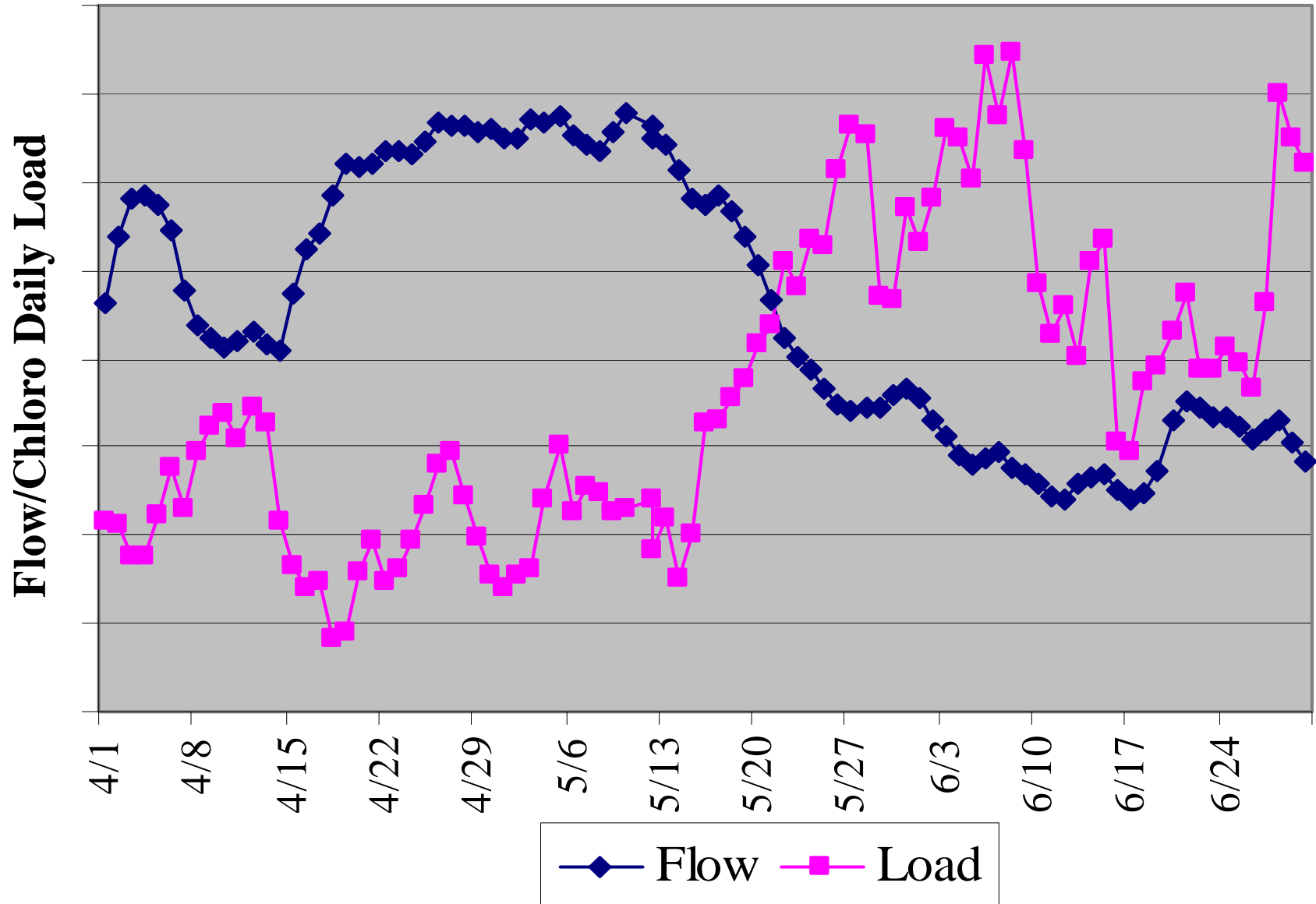
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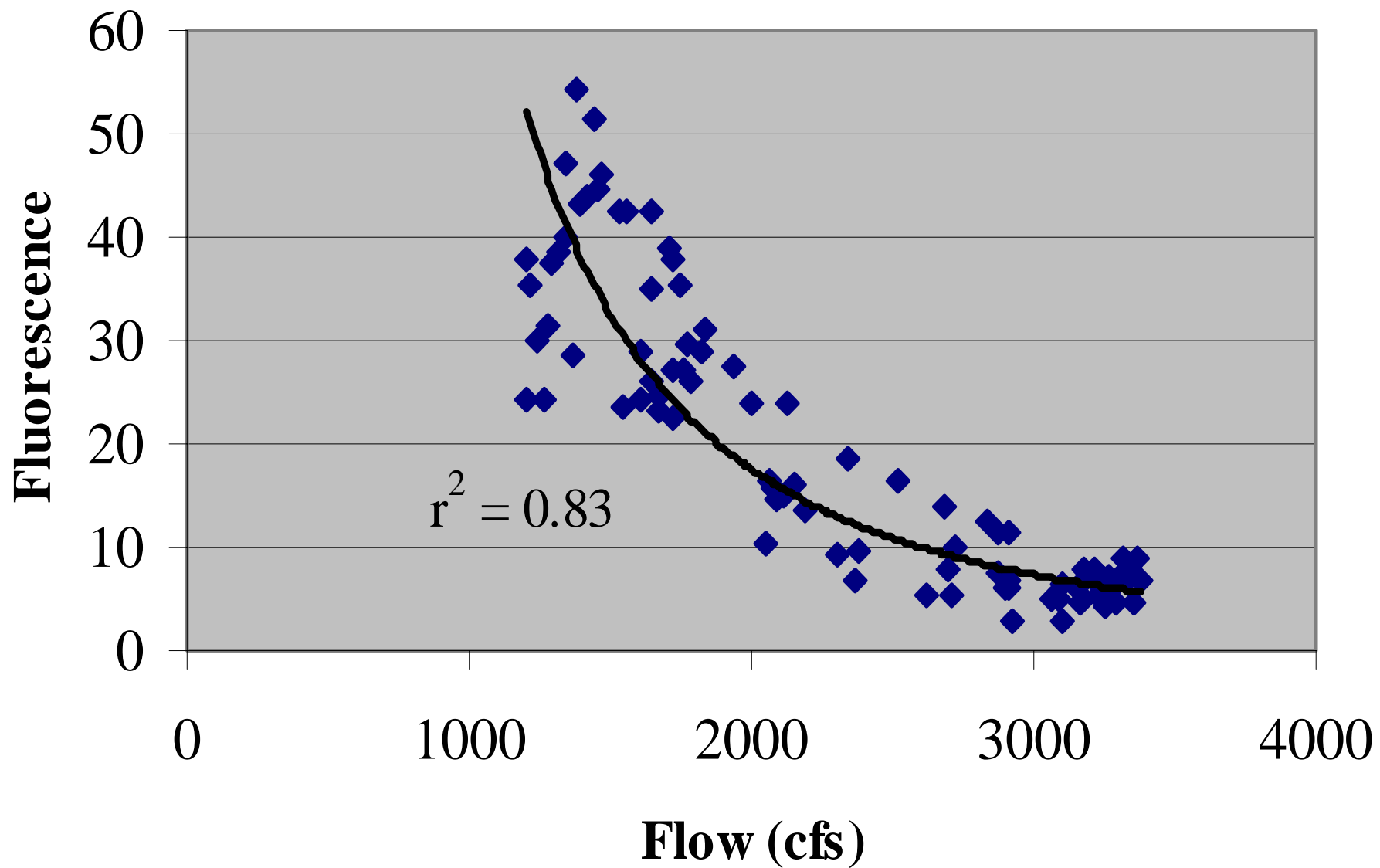
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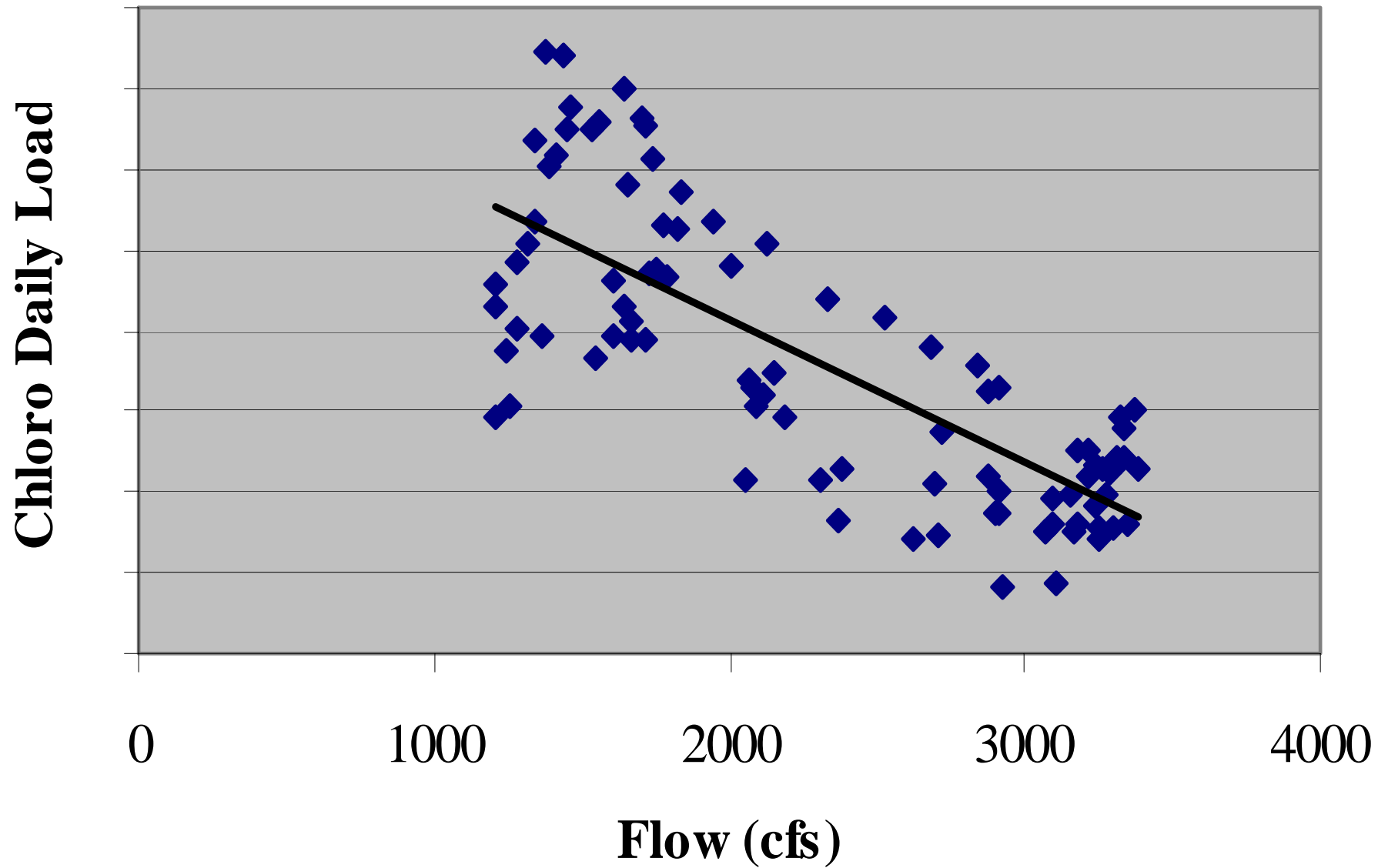
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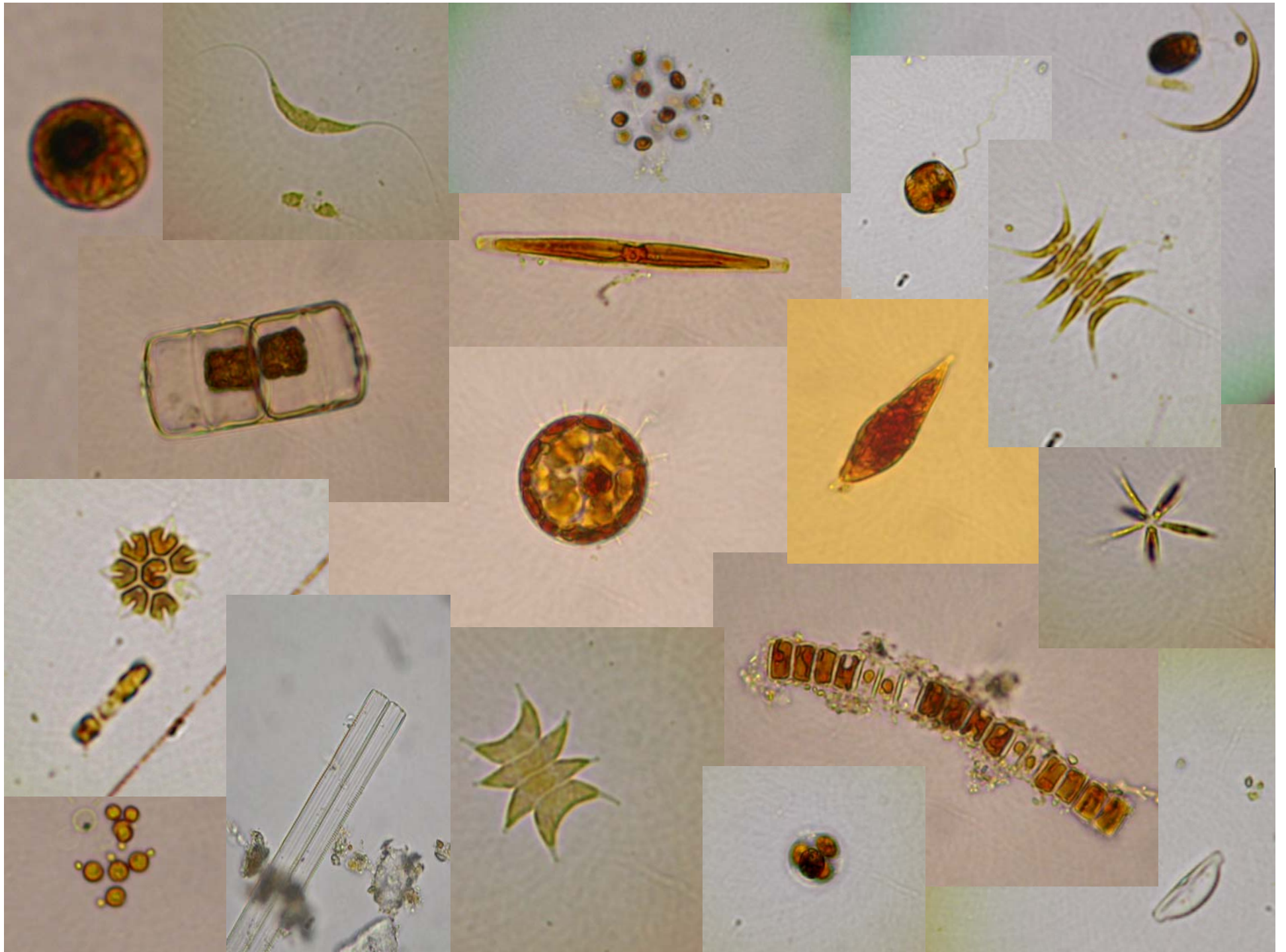


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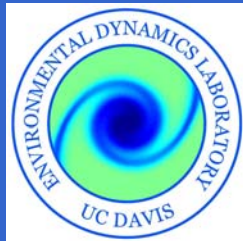
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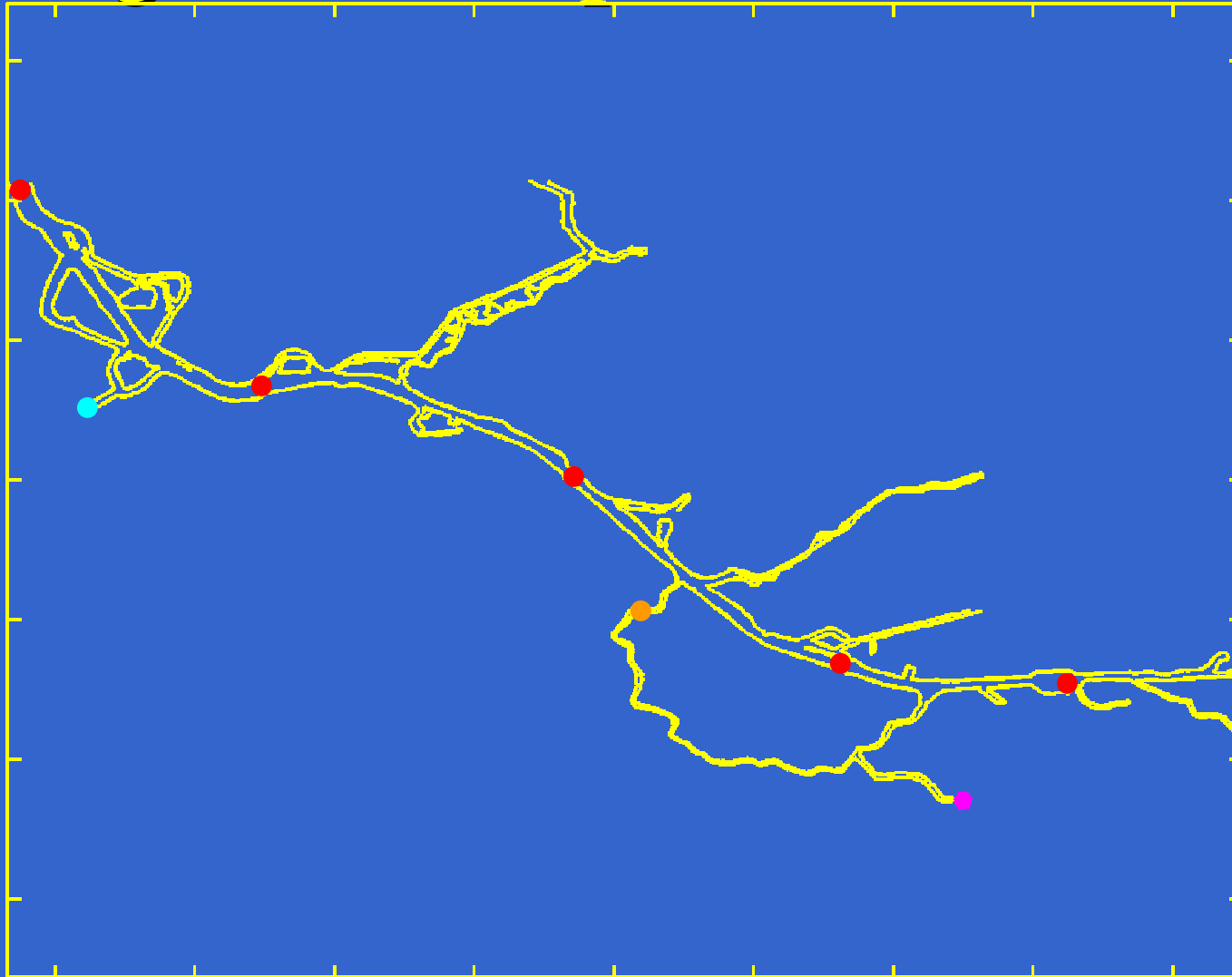


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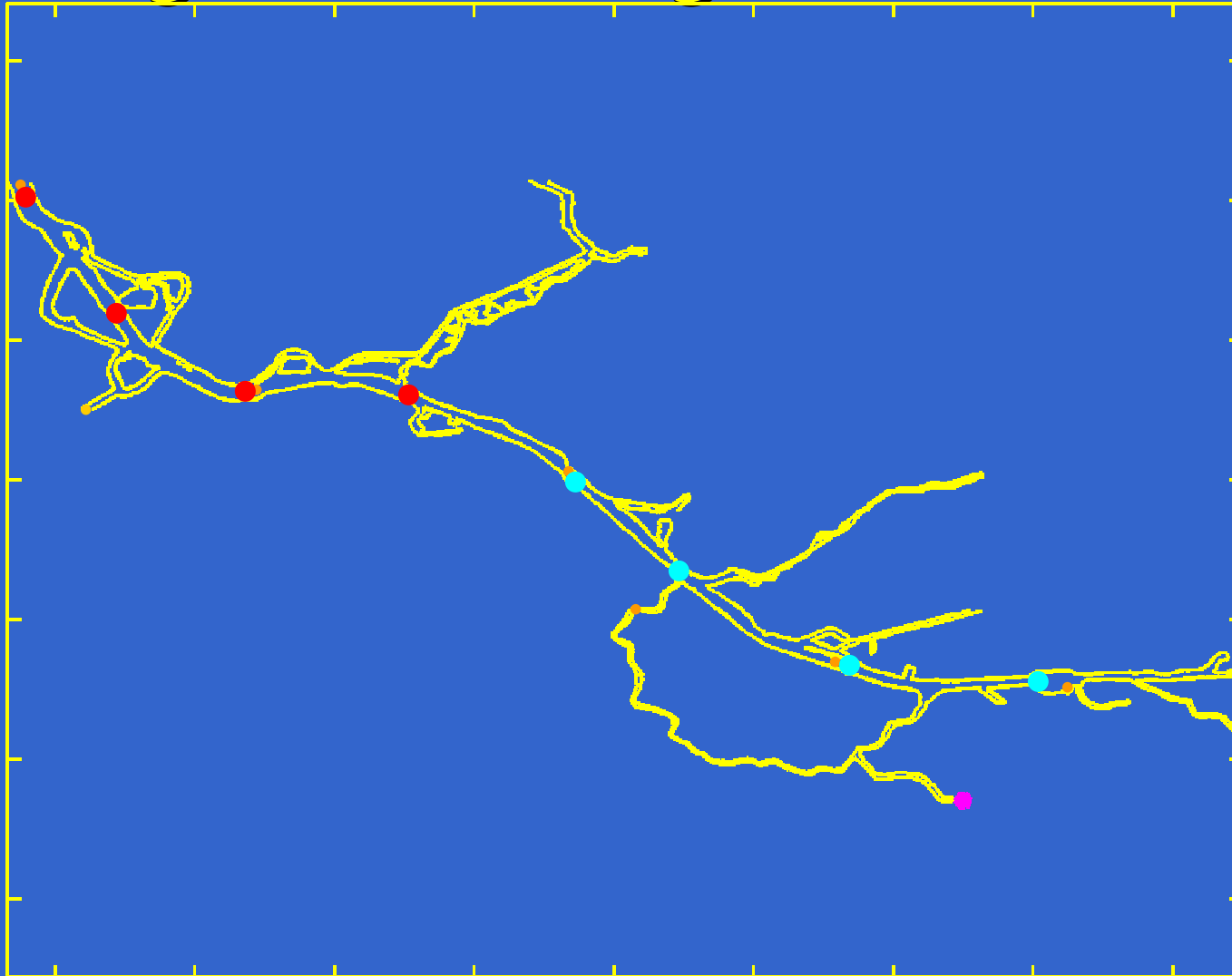
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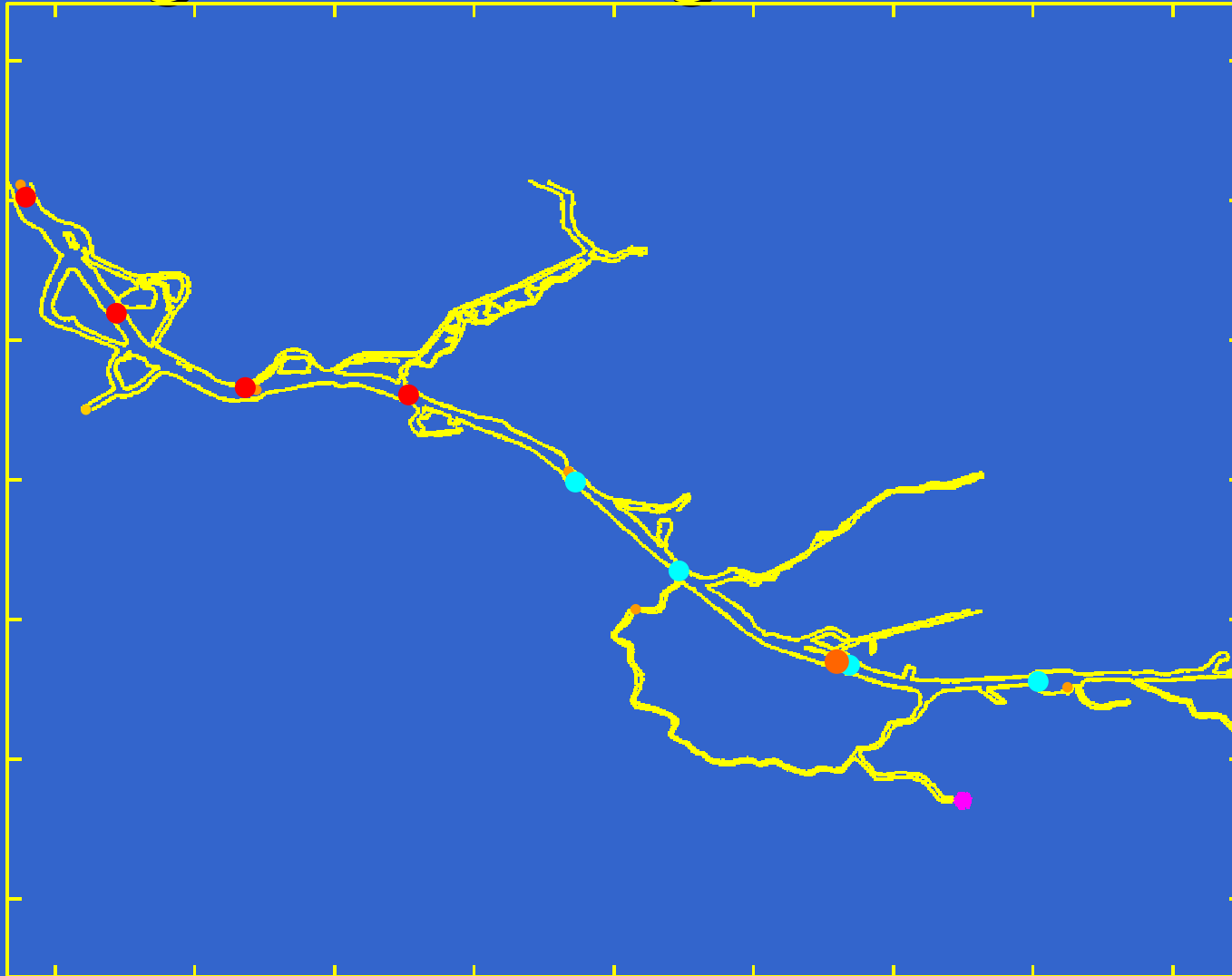


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