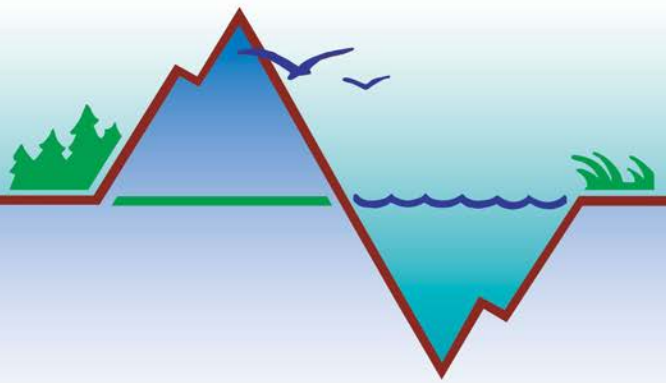


Kachemak Bay Research Reserve Phytoplankton Update

September 6th – September 12th 2019

Harmful Algal Bloom Program

Rosie Robinson 907-235-1598 rmmasui@alaska.edu



Hello Everyone,

This week we are seeing phytoplankton at lower levels as fall settles in on Kachemak Bay. For the first time since June phytoplankton is sparse at Outer Bay sites. We will continue weekly phytoplankton sampling and analysis through October with bi-weekly email updates. However, the shellfish toxin testing program is wrapping up for the season.

As always reach out with any questions

Thanks to all of our monitors and partners for the phytoplankton samples!

Rosie Masui & Jasmine Maurer

Kachemak Bay Research Reserve Phytoplankton Update

Qualitative Analysis Phytoplankton Data

INNER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
9/9/2019	Bear Cove	11.5	26	Sparse Sample	None	Present	None
9/12/2019	Homer Harbor	12.4	25.3	Sparse Sample	Present	Present	None

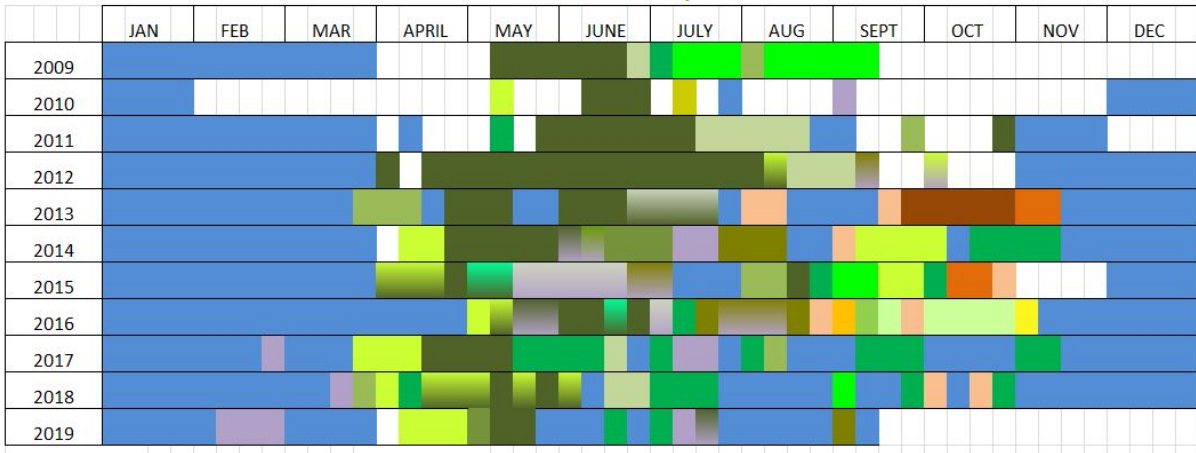
*Samples received after last weekly update

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
9/12/2019	Seldovia Harbor	12.8	30	Sparse Sample	Present	Present	Present

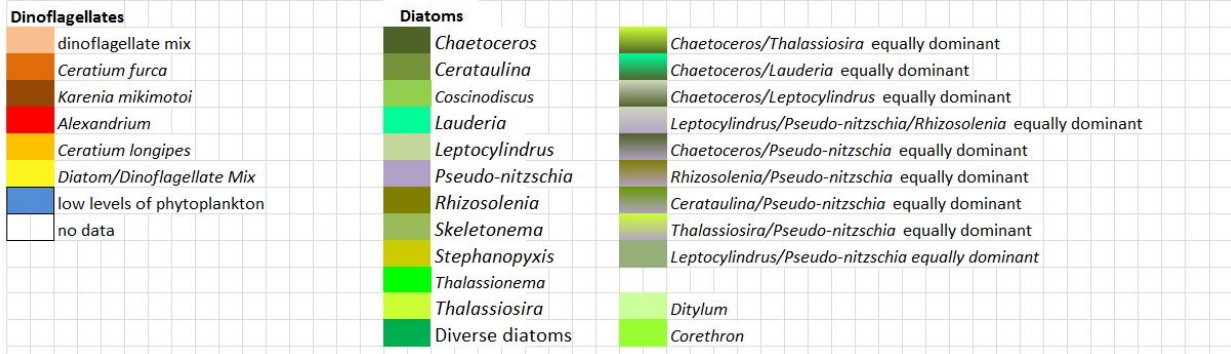
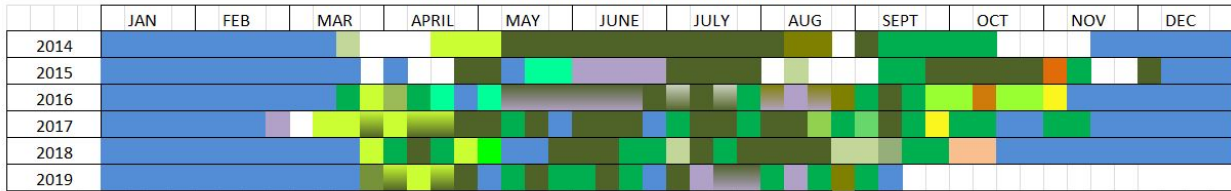
*Samples received after last weekly update

Phytoplankton phenology
Inner Kachemak Bay



Outer Kachemak Bay 2014 - 2019

Sadie, Tutka, Jakolof, Eldred Pass, Kasitsna, Seldovia, Pt. Graham



Kachemak Bay National Estuarine Research Reserve
Alaska Center for Conservation Science
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