

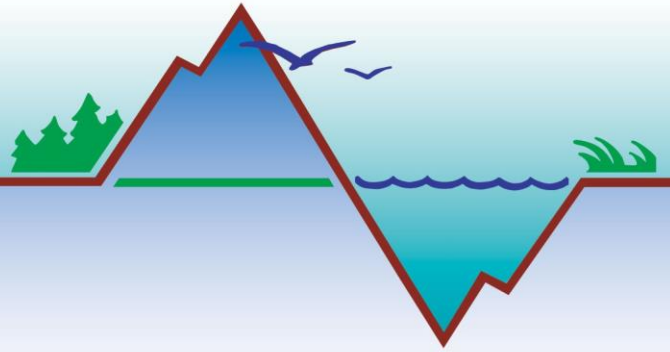
Kachemak Bay Research Reserve Phytoplankton Update

August 28th to September 3rd, 2020

Harmful Algal Bloom Program

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Hello Everyone,

This week Kachemak Bay phytoplankton were sparse at almost all sampled locations. In 2018 & 2019 we saw a similar abundance fluctuation during the same time period in the inner bay, one week of abundant phytoplankton in late August preceded and followed by several weeks of sparse phytoplankton. We shall see what next week looks like.

Although *Dinophysis* is present at most sample sites this week it was far below bloom levels at all sample locations.

Reach out with any questions.

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

Rosie Masui, and 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
8/28/2020	Bear Cove	12	28	Sparse Sample	None	None	None
8/29/2020	China Poot	11	34	Sparse Sample	Present	None	None
9/3/2020	Homer Harbor	12.1	26.7	Sparse Sample	Present	None	None

*Samples received after last weekly update

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
8/27/2020*	Seldovia	11	30	Sparse Sample	Present	None	None
8/27/2020*	Bootlegger Cove	13.8	31	Mixed Diatoms & Dinoflagellate	Present	None	None
8/29/2020	Jakolof	11		Sparse Sample	Present	Present	None

*Samples received after last weekly update

RESURRECTION BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
8/29/2020	SMIC Dock	14	25.9	<i>Ceratium furca</i> morphotype	None	None	None



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