

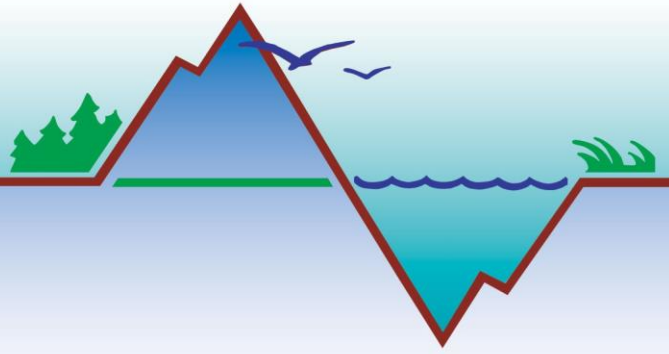
Kachemak Bay Research Reserve Phytoplankton Update

July 17th to July 23rd, 2020

Harmful Algal Bloom Program

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Hello Everyone,

A relatively quiet week to report out on the phytoplankton in Kachemak Bay. This week we continue to see dinoflagellates be the most numerous group of phytoplankton in the samples. Peterson Bay sample is dominated by *Protoperidinium* sp., a dinoflagellate, while other samples didn't have a single dominant dinoflagellate species this week.

Please reach out with any questions.

Thanks to all 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
7/18/2020	China Poot	12	28	Mixed Dinoflagellates and Diatoms	Present	Present	None
7/19/2020	Peterson	12.2	30	<i>Protoperidinium</i> sp.	None	Present	Present
7/20/2020	Sadie Cove	10.5	28	Mixed Diatoms	Present	Present	None
7/21/2020	Halibut Cove	15	23	<i>Chaetoceros</i> sp.	Present	None	None
7/21/2020	Homer Harbor	13.1	27.3	Mixed Dinoflagellates	Present	Present	None

*Samples received after last weekly update

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
7/12/2020*	Tutka Lagoon	-	-	Sparse Sample	None	Present	None
7/16/2020*	Tutka Lagoon	13.2	28.2	Sparse Sample	None	Present	None

7/19/2020	Tutka Lagoon	13.3	27.3	Sparse Sample	Present	Present	Present
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*Samples received after last weekly update

RESURRECTION BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
7/6/2020*	Seward Small Boat Harbor	14	13.1	Sparse Sample	None	Present	None

*Samples received after last weekly update



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