

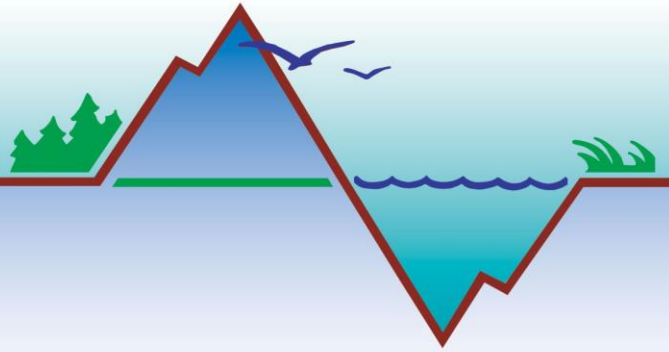
Kachemak Bay Research Reserve Phytoplankton Update

August 6th to August 13th, 2020

Harmful Algal Bloom Program

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Hello Everyone,

This week in the inner bay phytoplankton continues to be sparse. During August of 2018 and 2019 the inner bay experienced a similar decrease in phytoplankton abundances. The outer bay samples were also predominantly sparse this week, except for Tutka Bay and Sadie Cove which had more numerous phytoplankton although no single species dominated in either bay. We will continue with weekly phytoplankton monitoring into September.

Please reach out to us 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
8/5/2020*	China Poot	11.5	34	Sparse Sample	None	None	None
8/8/2020	Peterson Bay	14	27	Sparse Sample	Present	None	None
8/9/2020	Peterson Bay	12.2	-	Sparse Sample	Present	None	Present
8/11/2020	Homer Harbor	13.5	25.8	Sparse sample	Present	None	None
8/11/2020	Halibut Cove	13	26	Sparse sample	Present	None	None

*Samples received after last weekly update

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
8/11/2020	Kasitsna Bay	11.9	30.6	Sparse Sample	Present	None	None
8/11/2020	Jakolof	12.4	30.3	Sparse Sample	Present	None	None

8/11/2020	Tutka Bay	12.2	29.2	Mixed Dinoflagellates	Present	None	None
8/11/2020	Sadie Cove	13.2	28.5	Mixed Diatoms	Present	Present	Present
8/11/2020	Eldred Passage	12.8	28.2	Sparse Sample	Present	None	None

*Samples received after last weekly update



Kachemak Bay National Estuarine Research Reserve
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