PRESENTED BY: The Squaxin Island Tribe

Natural Resources Department and

University of Washington

Presenters: Candace Penn and

Dr. Guillaume Mauger



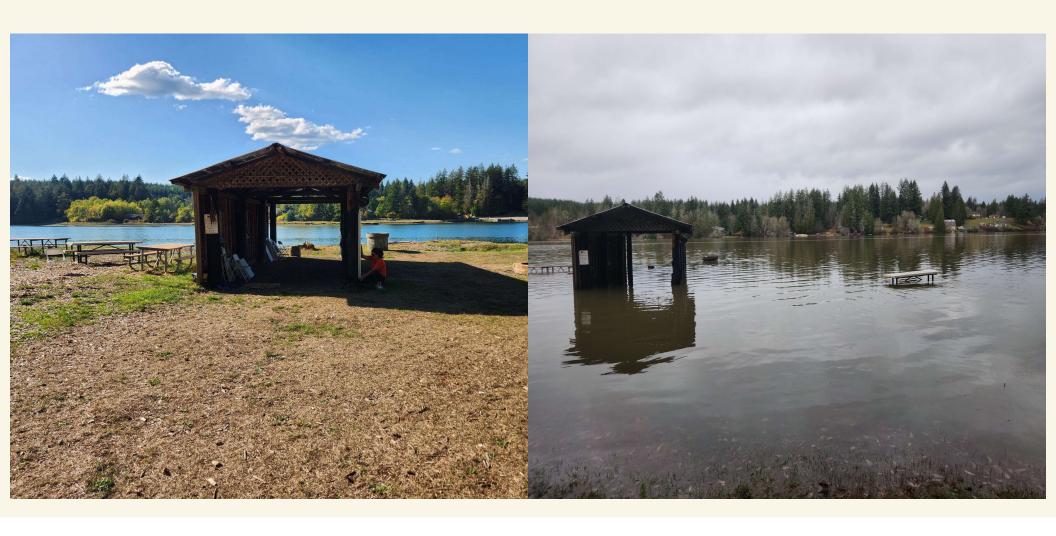
Where the Creek Meets the Tide

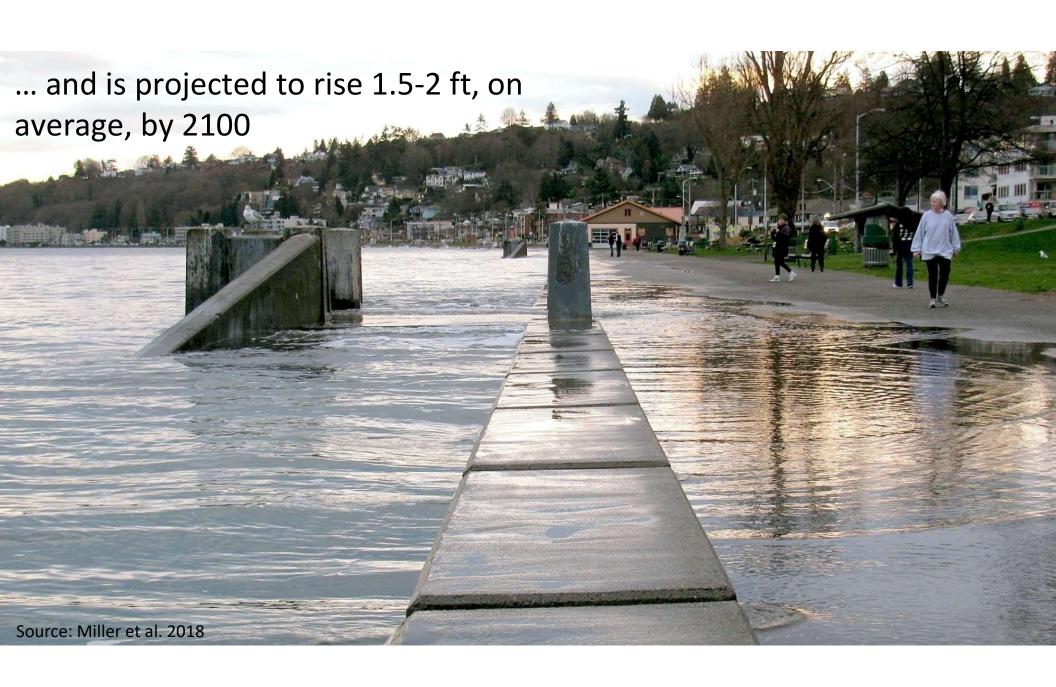


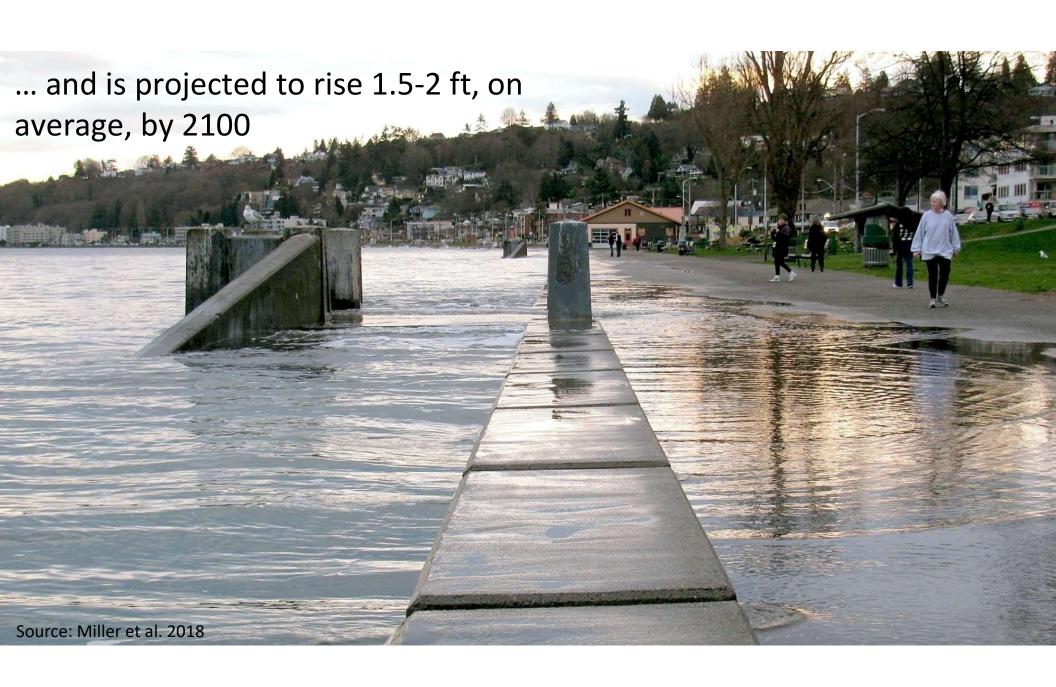
October 2024

10/16/2024

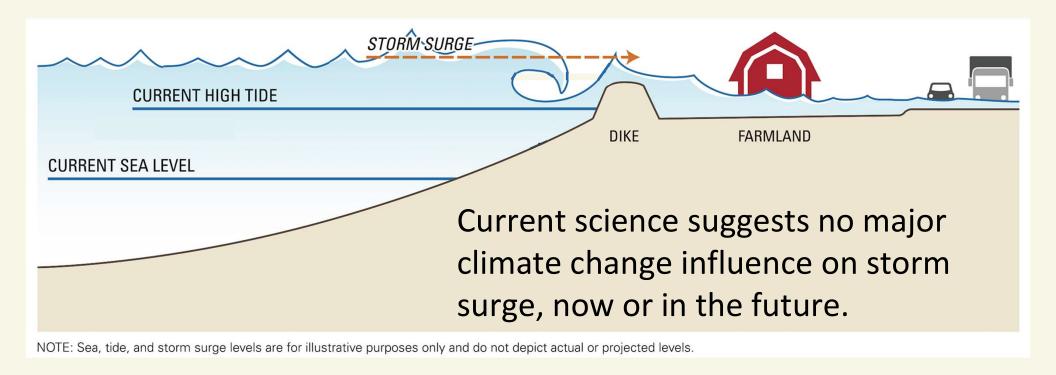
Overview





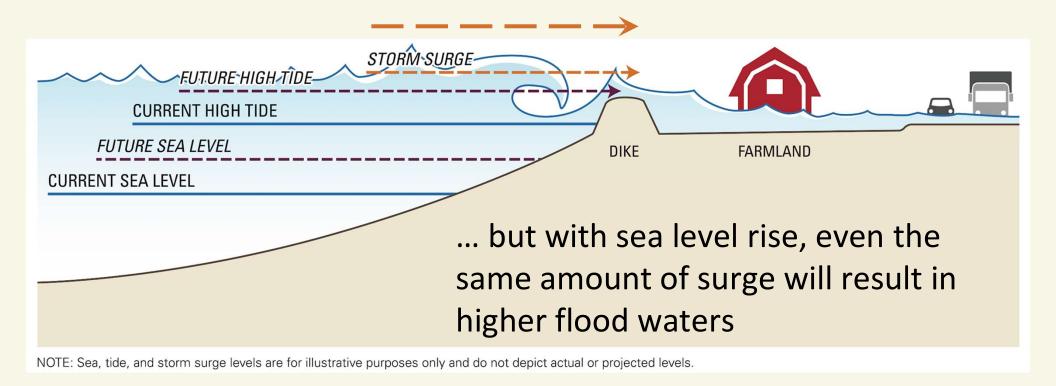


Rising Sea Levels and Storm Surge

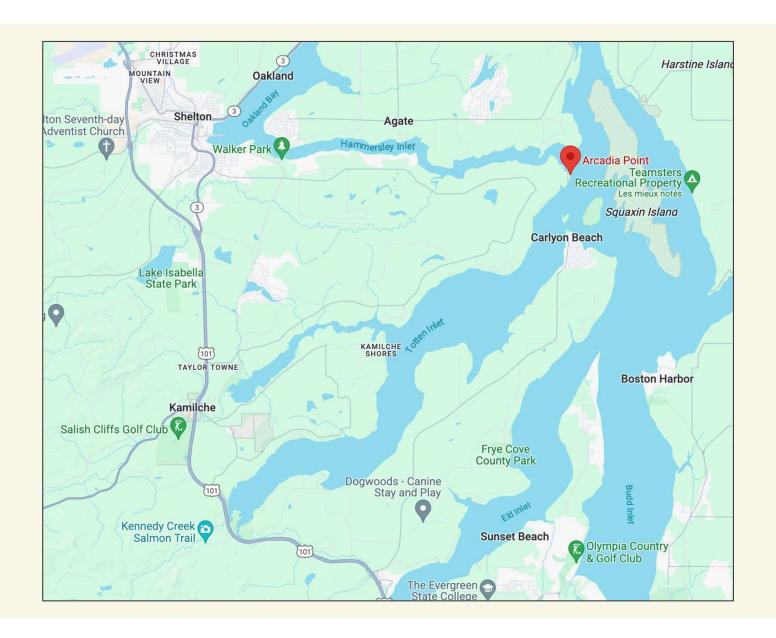


Source: http://www.skagitclimatescience.org/wp-content/uploads/2015/09/SeaLevelRise_BriefOverview.pdf

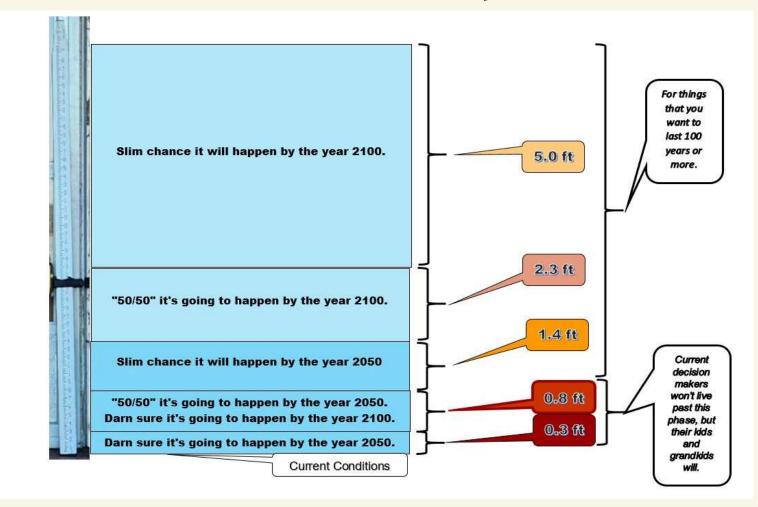
Rising Sea Levels and Storm Surge

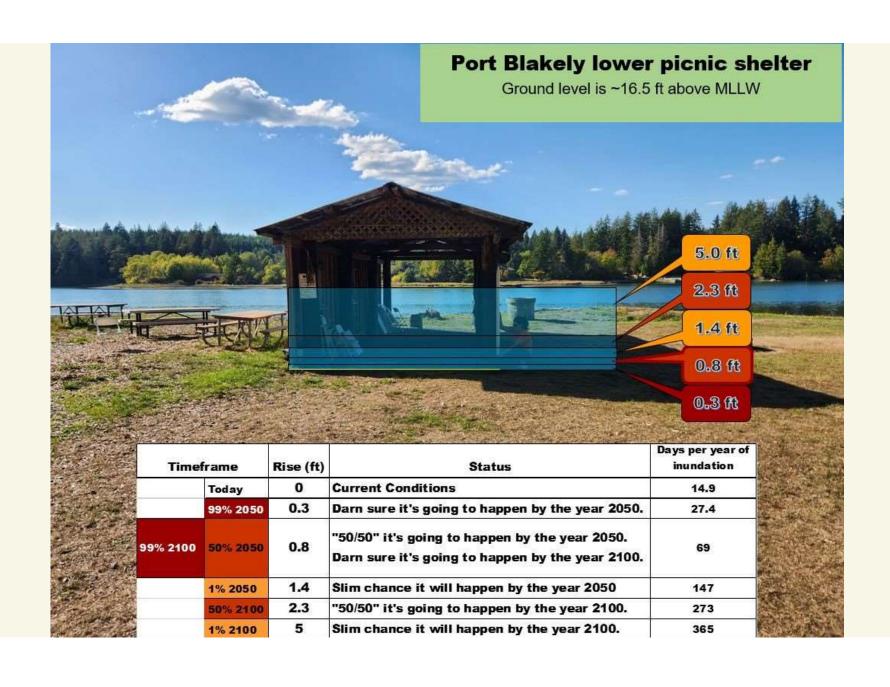


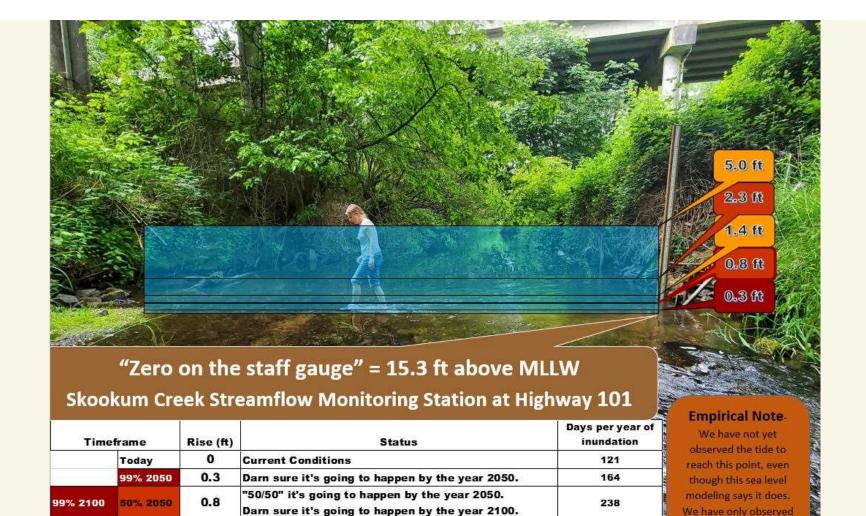
Source: http://www.skagitclimatescience.org/wp-content/uploads/2015/09/SeaLevelRise BriefOverview.pdf



Sea Level Rise Projections







Slim chance it will happen by the year 2050

"50/50" it's going to happen by the year 2100.

Slim chance it will happen by the year 2100.

1% 2050

1% 2100

50% 2100

1.4

2.3

5

the tide just below the

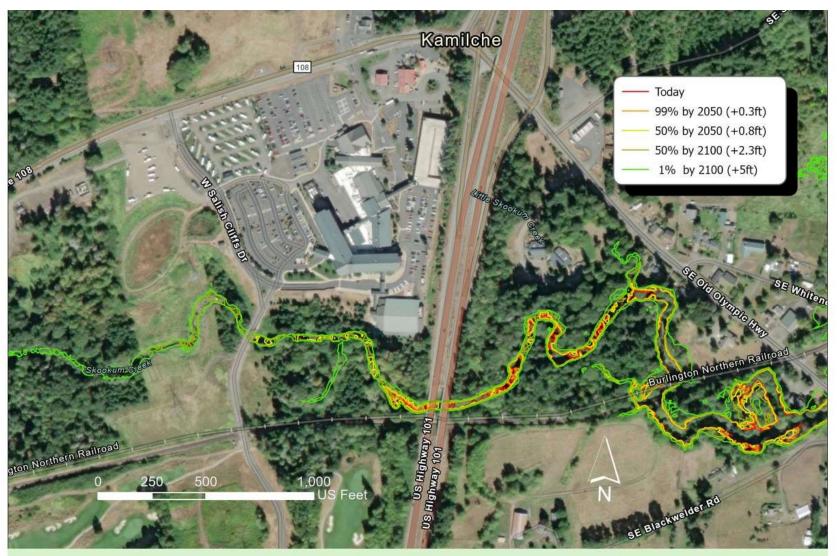
confluence of Skookum

and Little Creek.

307

355

365



Elevation of the 2-year return interval high tide (17.35 feet above Mean Lower Water) Image generated by Greg Stewart







Elevation of the 2-year return interval high tide (17.35 feet above Mean Lower Water)
Image generated by Greg Stewart

Squaxin Island Tribe Properties