### **Palmer Cove**

### October 26, 2020

## Mapping Future Flood Risk and Prioritizing Coastal Resilience for Salem MA

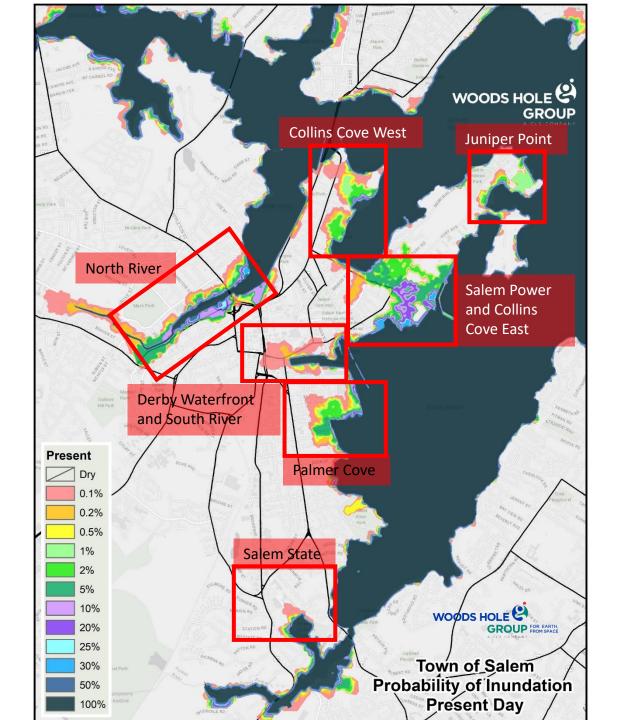






Kirk F. Bosma, P.E. kbosma@woodsholegroup.com





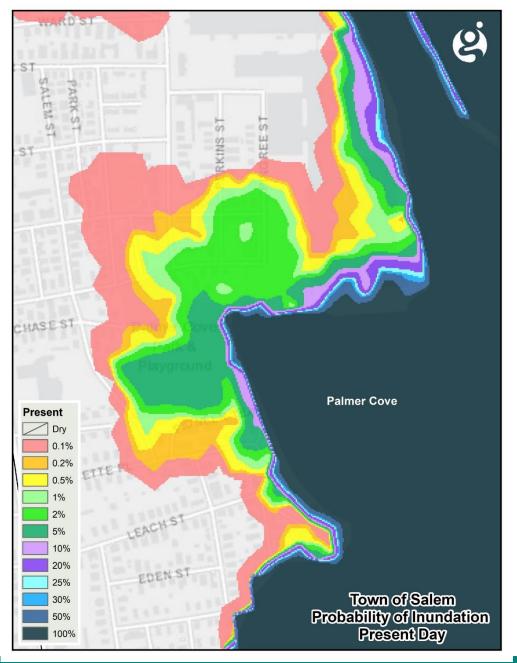
Coastal Flood Exceedance Probability Map for Salem MA –

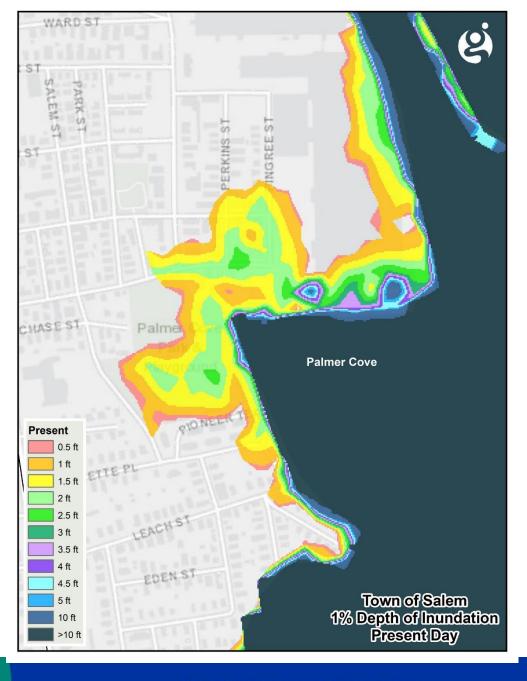
**Present Day** 

The following slides focus on the increasing flooding risk from sea level rise and increased storms at Palmer Cove. To view the full recorded presentation, go to <u>www.salemsound.org</u>

Palmer Cove

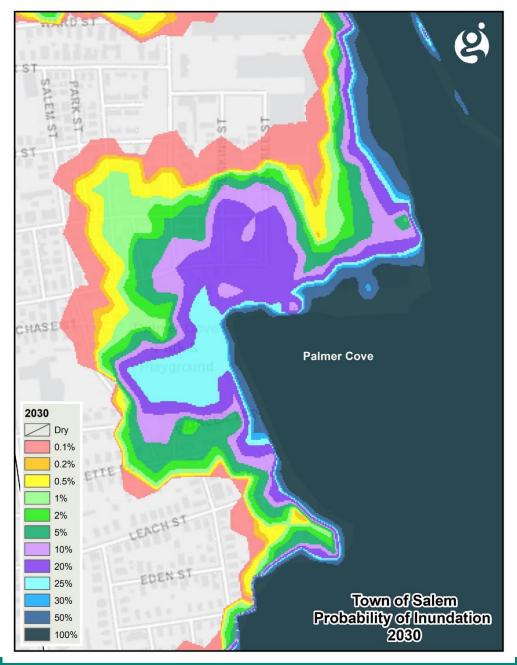
Palmer Cove Yacht Club – King Tide

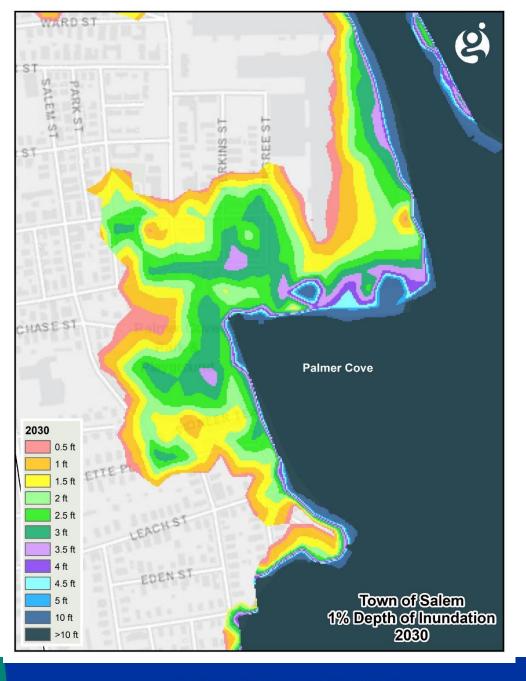




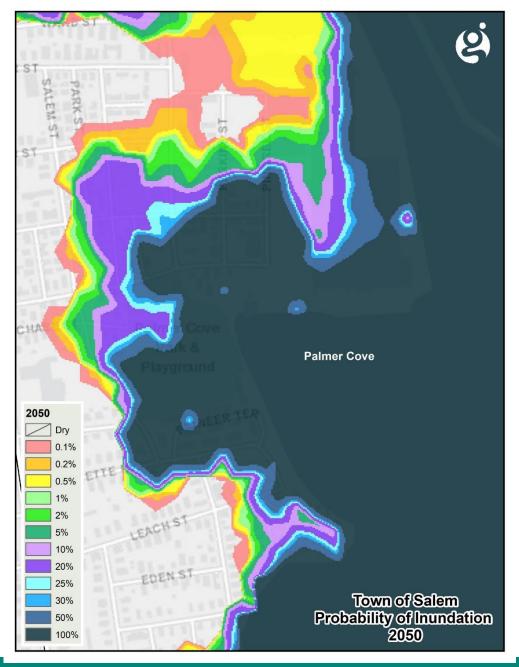
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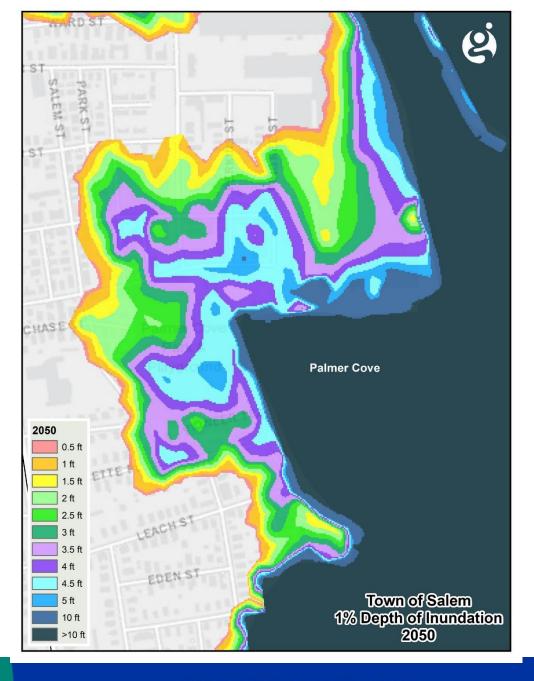
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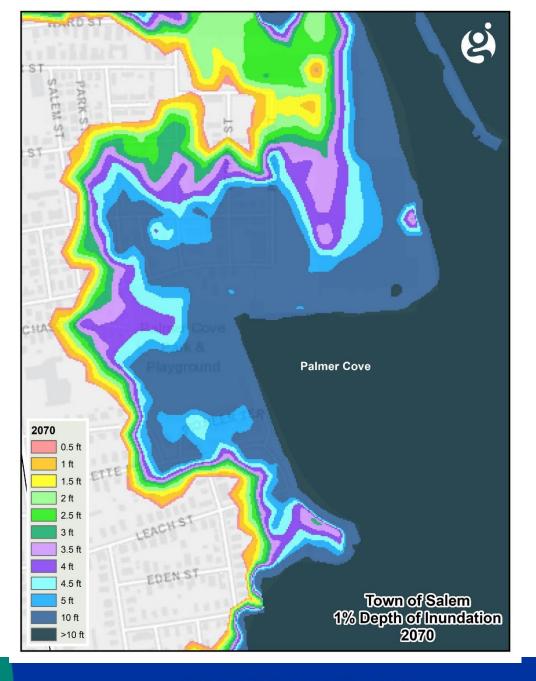
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Predicted Shallow Coastal Flooding Mean Higher High Water Tides in 2030-2050-2070

400 Feet

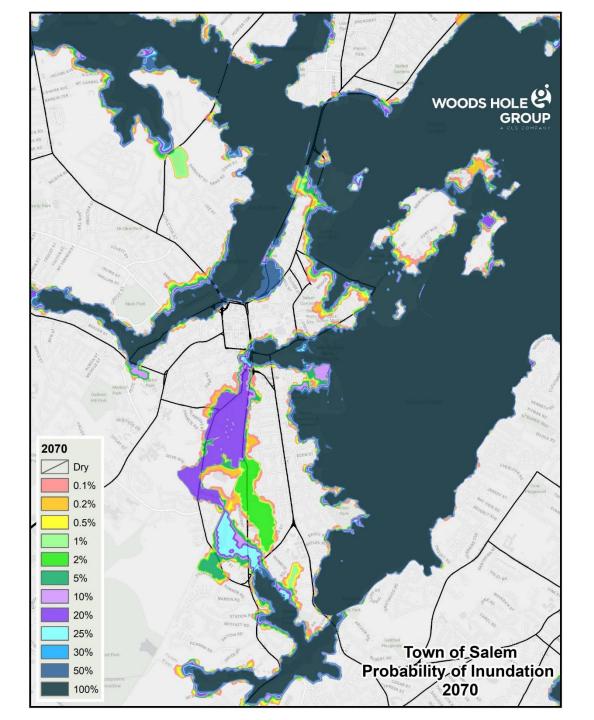
MHHW is the average height of the highest tide recorded at a tide station each day over a period of time.

Legend

Projected MHHW Tidal Benchmarks

**Vulnerable Structures** 

2030 2050 2070



## For more information on

Mapping Future Flood Risk and Prioritizing Coastal Resilience for Salem MA

Contact Barbara Warren 978-741-7900 barbara.warren@salemsound.org

