

HAMPTON COASTAL HAZARDS ADAPTATION TEAM (CHAT)

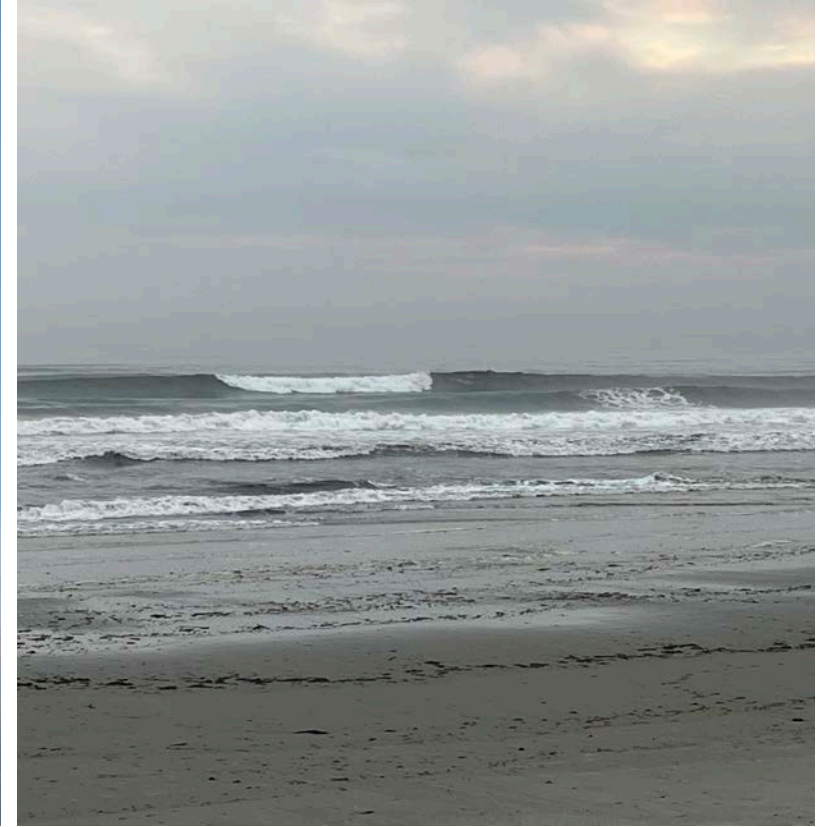
SEPTEMBER 2022 UPDATES & ANNOUNCEMENTS

A summary of updates and announcements relevant to flooding, coastal hazards, and coastal planning intended to be shared with Hampton boards, commissions, committees, departments, and the public. Visit <http://shea4nh.org/coastal-hazards-adaptation-team-chat/> for information about CHAT.

- The Town's Piscataqua Region Environmental Planning (PREPA) Grant Project (floodplain management ordinance audit) has concluded and the Planning Department is shifting over to the Floodsmart Seacoast Technical Assistance effort to continue advancing amendments to the floodplain regulations. The Planning Department will refine and vet four sea-level rise options along with performing a comprehensive update of the floodplain management ordinance. The Department is looking to expand the small project committee that guided the PREPA project.
- The consultants working on the Master Plan continue to draft the plan. It is anticipated that the final plan will be ready by mid-November.
- The Seabrook-Hamptons Estuary Alliance (SHEA) will host a salt marsh tour on October 15, 2022, from 10am-11am.
- SHEA is partnering with Rockingham Planning Commission through the Floodsmart Seacoast Technical Assistance program to establish a similar group to CHAT in Seabrook. It will be called the Coastal Resilience Team in Seabrook.
- Resident Representative Tom Bassett shared photos of flooding in the Greene Street--Meadow Pond – Gentian Road area between September 9-13th when the neighborhood experienced sunny day flooding (attached). He also reported that New Hampshire Department of Environmental Services (NHDES) staff had come out to take a water quality sample for bacteria during a flood event. Results of the test will be shared when available.
- The Selectboard authorized the Town Manager to enter into a grant agreement with NHDES to receive grant funding for the Coastal Resilience Coordinator position. It is anticipated that the position will be posted by September 23, 2022.

CHAT's mission is to evaluate, assist, support, educate, and advise on current and future coastal flooding adaptation strategies for the Town.

CHAT is comprised of representatives from boards and commissions in Hampton, Town of Hampton staff, Hampton Beach Area Commission, Hampton Beach Village District, the Seabrook-Hamptons Estuary Alliance (SHEA), and resident representatives. CHAT is supported by the New Hampshire Department of Environmental Services Coastal Program and a meeting coordinator and administered by SHEA.



Flooding conditions Sept 5-6 & Sept 9-12, 2022

Greene St-Meadow Pond-Gentian Rd, Hampton NH

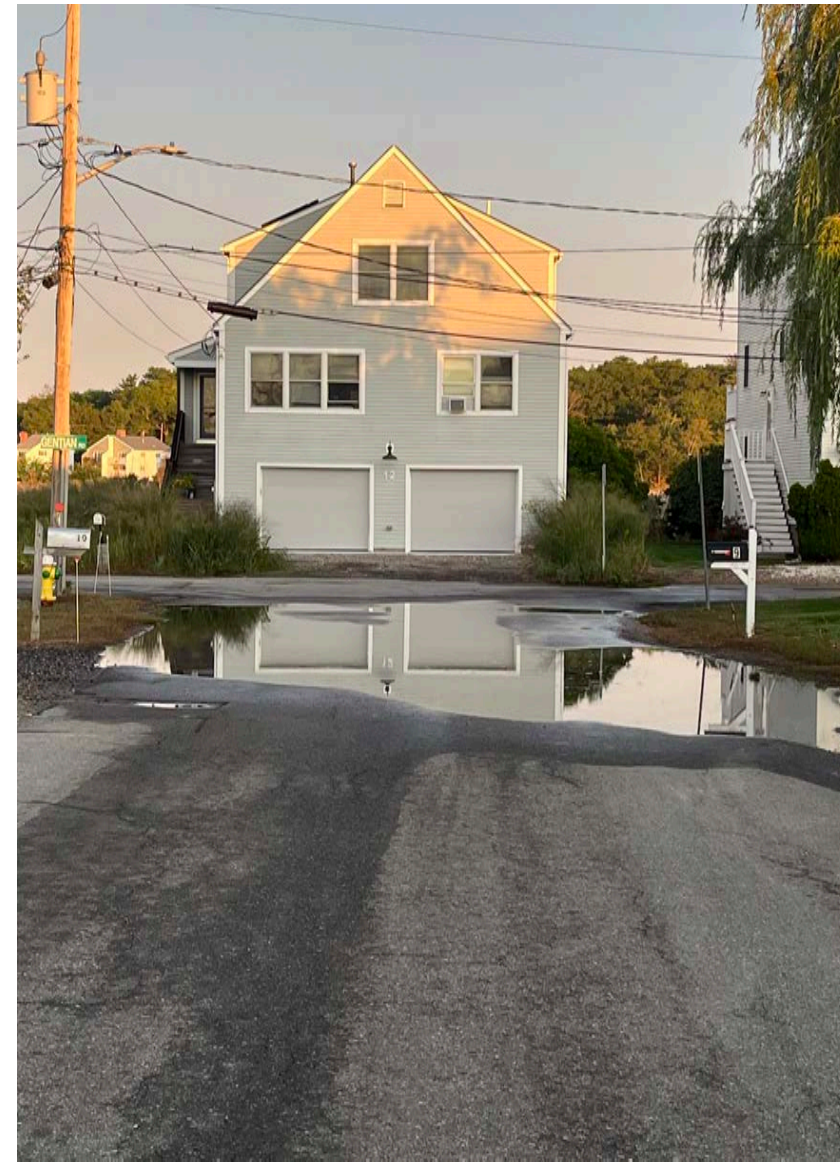
Flooding conditions, Sept 5-6 and 9-13, 2022

Greene St-Meadow Pond-Gentian Rd, Hampton, NH

Date	Predicted Tide (MLLW)	Observed Tide (MLLW)	Rainfall	Moon	Storm Surge
Sept 5	9.1 ft	9.6 ft	1.32"		No
Sept 6	9.3 ft	9.7 ft	0.18"		No
Sept 9	10 ft	10.7 ft	0		Yes
Sept 10	9.2 ft	10.7 ft	0	Full	Yes
Sept 11	10 ft	10.8 ft	0		Yes
Sept 12	9.9 ft	10.7 ft	0.001"		Yes
Sept 13	9.5 ft	10.4 ft	0		Yes
Note: rain fell gradually over the two-day period Sept 5-6					

No flooding after two days of rain, Sept 5-6





Sept 9, 2022



Full Storm Drains, Sept 9, 2022



Sept 10, 2022

Sept 10, 2022
Storm surge

4-6 ft surf from
Hurricane Earl





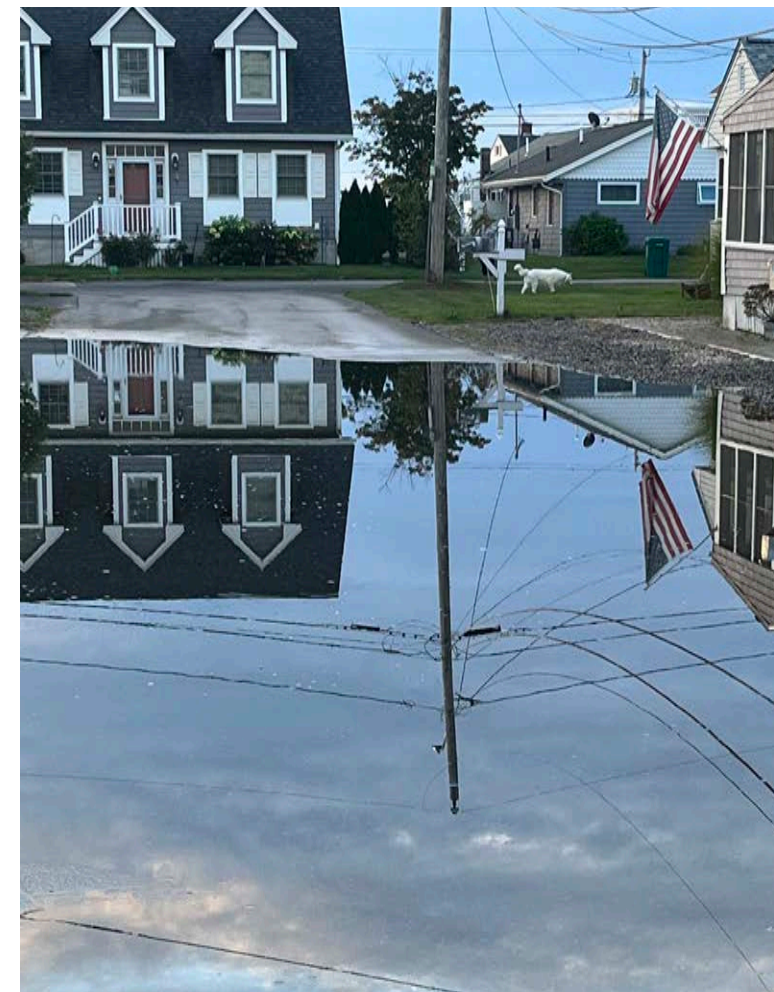
Sept 11, 2022



Flood stems from combined reverse flow through storm drains and overflow from Meadow Pond



Sept 11 flood waters 4 - 9" deep



Sept 12, 2022



Sept 13, 2022



2022/2023 Field Data Sheet
Hampton High Tide Sampling

Name: _____
Date: 022 (circle year) 2022/2023 (circle year)
Time: high tide: 5 hours (circle high, mid, low) incoming or outgoing (circle)

Time Sampled (MM)	Salinity (PPT)	Air Temp (°C)	Water Temp (°C)	Comments (people wading, water color/clarity, floating debris, oil/gas sheens, pests, waste, birds, etc.):
5	29.0	20.7	21.4°C	depth: — 2"
20	28.6	20.7	21.4°C	depth: — 3" oil/gas sheen
30	28.9	20.7	21.7°C	depth: — 2.5" sample taken out of center of stream some patches of foam noted! some film

W/o Rain Intermittent Rain Cloudy w/Rain Snow Snowmelt
Wind Direction: East / SE 3 mph
(No) Unknown
207-475-5209

Sampling Gear:
- Cooler with ice
- Gloves
- Bottles (6) - labeled!
- Refractometer
- Thermometer
- Field sheet
- Lab sheet

DES Water Quality Test-Sept 13, 2022