

# HAMPTON COASTAL HAZARDS & ADAPTATION TEAM (CHAT)

## JANUARY 2022 MEMBER 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.*

- Hampton saw a lot of flooding at the beginning of January. CHAT member Tom Bassett and Becca Bassett captured photographs of recent flooding in the Greene St-Meadow Pond-Gentian Rd neighborhood between January 1<sup>st</sup> and 5<sup>th</sup>, 2022 and again on January 17<sup>th</sup>, 2022 (see attached pdfs). A number of other areas in Hampton flooded too. The [Hampton Harbor hydrograph tide gauge](#), which recorded the actual tide levels during these events, shows that while NOAA predicted a 10.4 foot tide on January 1<sup>st</sup>, the tide actually reached 11.8 feet. This was surprising since there was not any rain and it did not seem too windy. After the water level dropped the temperature also dropped and the streets became icy again.
- A resident called in response to the flooding in January and asked about the Town's focus in terms of mitigation and problem solving. She and her family were contemplating selling their home because of increased damages and inconveniences over the last few years.
- The Town continues the Master Plan update with a community conversation series. There are five different events and all will be held virtually via zoom. The event on the January 31<sup>st</sup> at 6pm involves open space, natural resources, and conservation. There are also sessions on economic development, transportation, housing, and town facilities and services coming up on different dates in February. The [link to register](#) is on the front page of the Town's website. All are encouraged to attend.
- There was lots of activity on the Friends of Hampton Facebook page over the weekend. Many people posted pictures of flooding. It would be interesting to capture that activity. Some were not aware of what the Town and CHAT are doing. There may be potential to weave this social media input into the CHAT outreach activities. It would require a lot of work, but there is a tremendous amount of information and perspectives that we are not otherwise capturing. CHAT can think about ways to capture and document this information.
- Resident representatives on CHAT communicate regularly with their neighbors about flood issues. Many call to ask about what to do, whether to sell their house, and what the Town is doing about flooding. Social media provides an opportunity to connect with others. Resident representative Deb Bourbeau plans to reach out to one individual who posted a number of flood pictures to provide information about CHAT.

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.

High Tide Flooding in the Greene St-  
Meadow Pond-Gentian Rd Neighborhood  
of Hampton, NH

January 2-4, 2022

Photos by Becca Bassett

# Hampton, NH Tides - Jan 2022

 [Printable Tide Charts](#)

[Dec 2021](#)

Tidal Data Source: Hampton, NH (#8429489)

[Feb 2022](#)

Note five consecutive days with at least one high tide above 10 ft (MLLW)

Date		High				Low			
		AM	ft	PM	ft	AM	ft	PM	ft
1	Sat	9:19	10.1	10:05	8.6	3:20	0.0	4:08	-1.2
2	Sun	10:14	10.4	11:01	8.8	4:16	-0.2	5:03	-1.5
3	Mon	11:10	10.5	11:55	8.9	5:11	-0.4	5:57	-1.6
4	Tue			12:04	10.4	6:05	-0.4	6:50	-1.5
5	Wed	12:49	8.9	12:58	10.2	7:00	-0.3	7:42	-1.3

January 2, 2022

Rainfall: 0.064 inches

High Tide Levels: 10.4 ft & 8.8 ft



Gentian Rd  
Jan 2, 2022



Gentian Rd  
Jan 2, 2022



Intersection of  
Greene St &  
Gentian Rd

Jan 2, 2022



Looking towards  
Greene St  
Jan 2, 2022



January 3, 2022

Rainfall: 0.0 inches

High Tides: 10.5 ft & 8.9 ft



# Gentian Rd and Greene St

Jan 3, 2022



# Flood waters turn to ice, Jan 4, 2022

Rainfall: 0.0 inches  
High Tides: ----- &  
10.4 ft



# Gentian Rd, Jan 4, 2022



# Higher than Usual Flooding in the Greene St-Meadow Pond-Gentian Road Neighborhood

January 17, 2022

Photos by Becca Bassett and Nick Allen

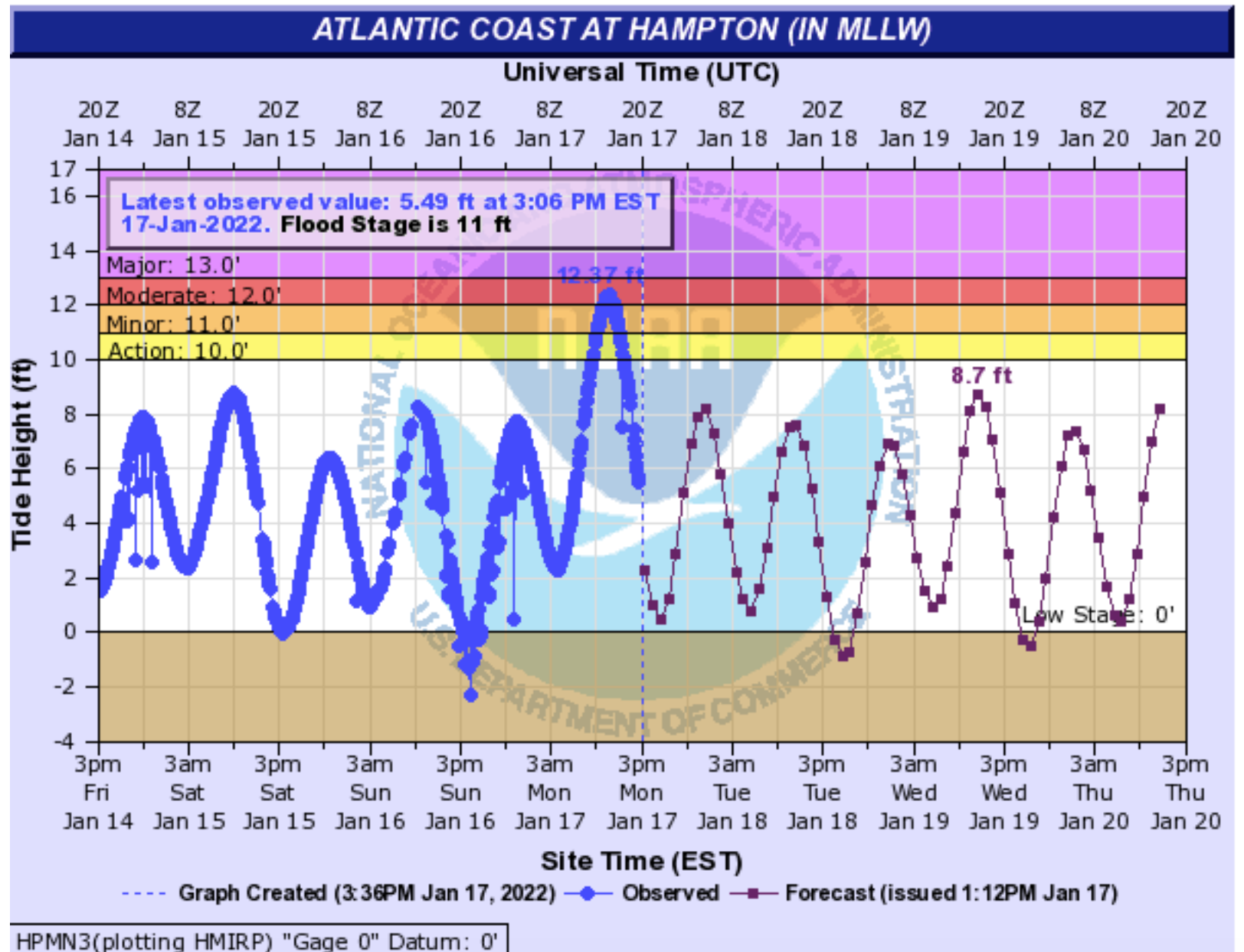
# Flood-related weather conditions

- Strong thunderstorm, blustery winds
- Rainfall: 0.51 inches
- “Moderate flood” high tide of 12.37 ft versus forecasted 8.8 and 7.6 ft (MLLW)
- Snow melt
- Full moon

12 in. deep →



Actual MLLW high tide is 12.37 ft vs. forecasted 8.8 and 7.6 ft



Meadow Pond  
in "moderate  
flood" stage



Flood waters move from Meadow Pond into back and side yards onto Gentian Rd



Back and side yard  
flooding from Meadow  
Pond onto Gentian Rd



Gentian Rd



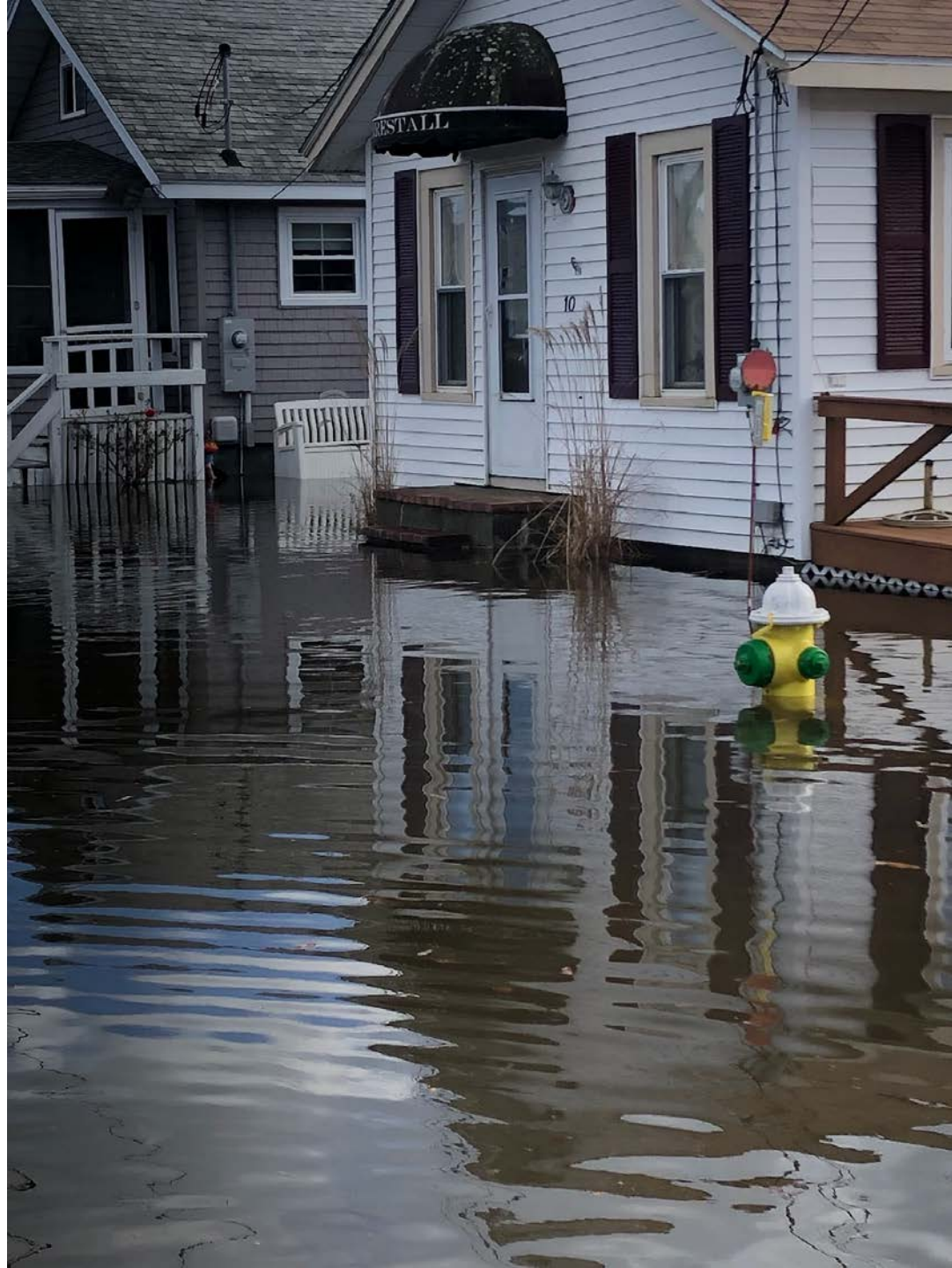
Looking towards Greene  
St from Gentian Rd



Greene St looking  
toward Gentian Rd



Greene St



Meadow Pond Rd



Taking the dog for a walk



The future is here

