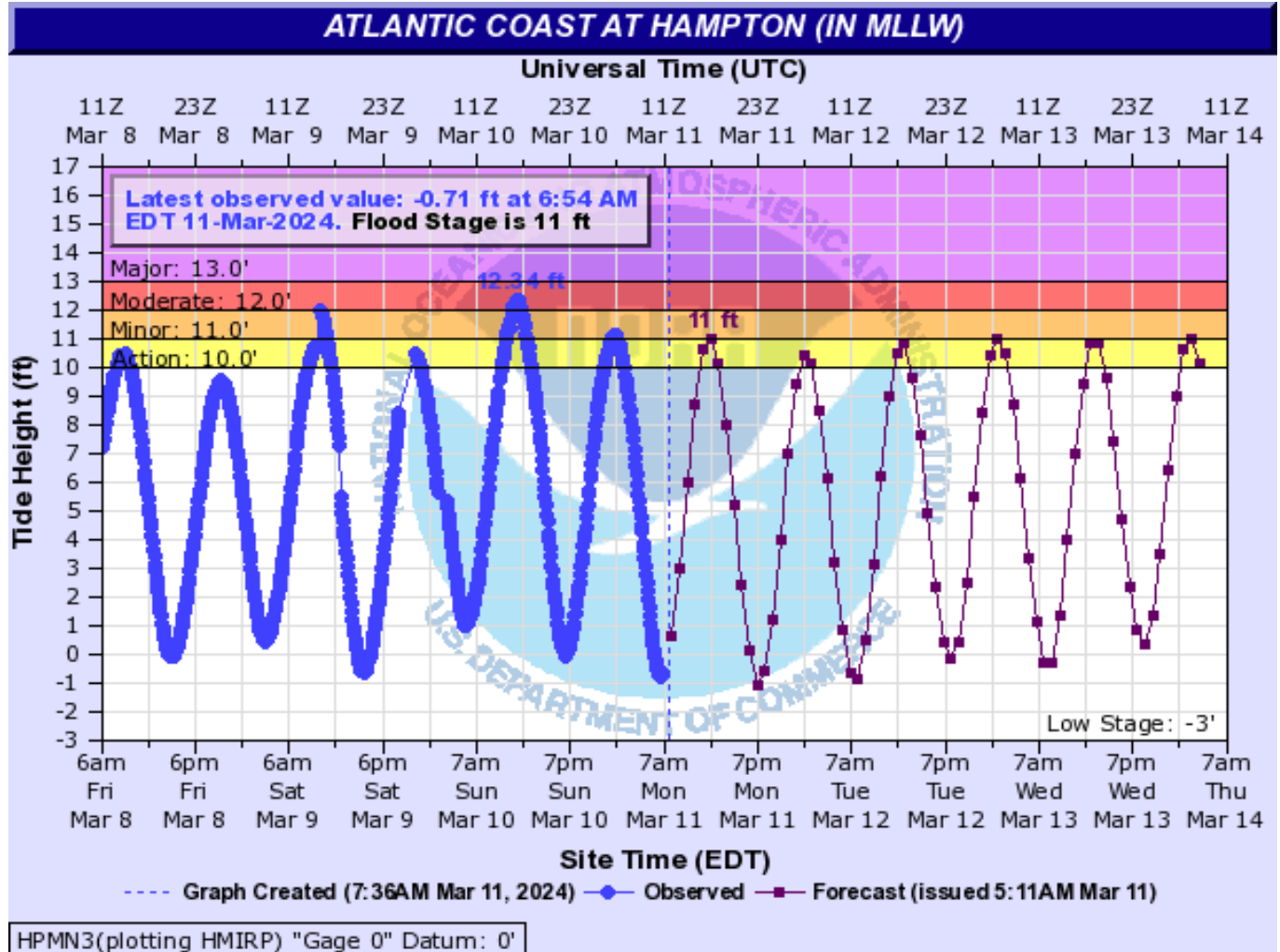


CHAT Flood Update
Meadow Pond Neighborhood
March 2024

Photo: Tom Bassett

Multiple days of minor to moderate flood levels recorded by the Hampton tide gauge

Six days of flooding in Meadow Pond neighborhood



Date	Predicted Highest	Recorded Highest	Rainfall (inches)	Flooding
	Tide	Tide		
9-Mar-24	10 ft	12.15 ft	0.01	Yes
10-Mar-24	10.2 ft	12.34 ft	2	Yes
11-Mar-24	10.3 ft	11.09 ft	0	Yes
12-Mar-24	10.2 ft	10.34 ft	0	Yes
13-Mar-24	10.2 ft	10.23 ft	0	Yes
14-Mar-24	10 ft	10.65 ft	0.001	Yes

9 March 2024



Photo: Tom Bassett

10 March 2024



Photo: Tom Bassett

10 March 2024

Greene St & Gention Rd →

Greene St & Meadow Pond Rd



Photo: Madelyn Gaven



Photo: Madelyn Gaven

11 March 2024



Photo: Tom Bassett

12 March 2024



Photo: Tom Bassett

13 March 2024

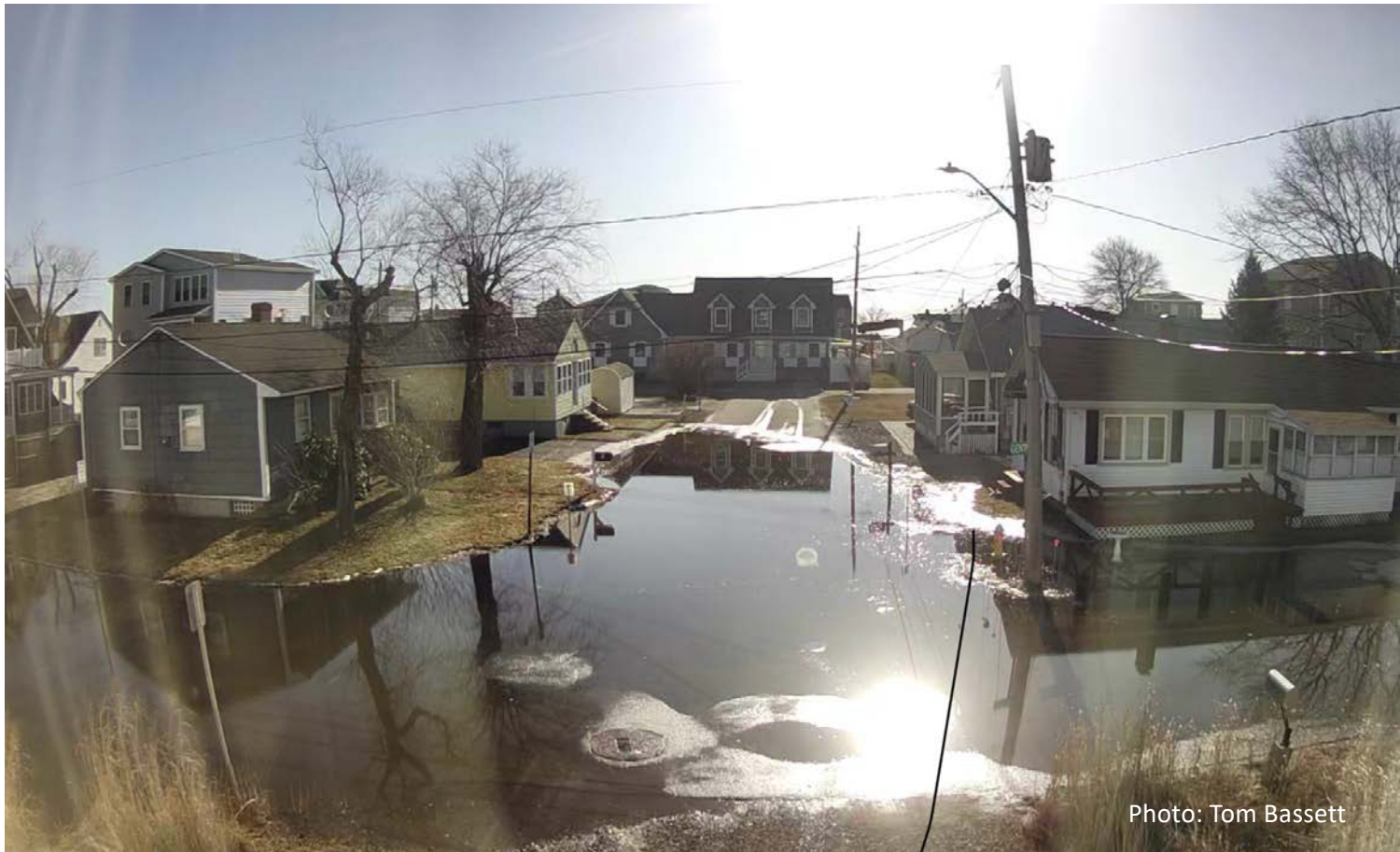


Photo: Tom Bassett

14 March 2024



Photo: Tom Bassett

Low levels of *Enterococcus* bacteria in flood water,
March 13, 2024, at three sampling sites at
Greene St & Gentian Rd

01-HHT	10/30/23	2809
02-HHT	10/30/23	>24,196
03-HHT	10/30/23	14,316
01-HHT	3/13/24	52
02-HHT	3/13/24	119
03-HHT	3/13/24	41

Source: Sally Soule, NH DES

Possible explanations of March's low bacteria counts

- Cold temperatures cause bacteria to die off and suppress growth
- Not as many contaminant sources in winter (people, pets, trash, wildlife)
- Surface wash off linked to lots of rain and flooding prior to 13 March testing