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Need for local observations & reports



- Emergency response & recovery:
 identify impacted areas, direct
 resources & baseline for formal
 damage assessments with FEMA
- Weather warnings & forecasts: verify impacts & fine tune forecast procedures
- Planning & project review: support local decisions
- Scientific Studies: ground-truth inundation & erosion models

NWS Coastal Flooding Definitions

- MINOR (Coastal Flood Advisory) Flooding of most vulnerable shore roads and/or basements due to height of storm tide or wave splashover. Majority of roads remain passable with only isolated closures. No significant threat to life and any impact on property is minimal.
- MODERATE (Coastal Flood Warning) Widespread flooding of vulnerable shore roads and/or basements due to height of storm tide and/or wave action. Numerous road closures are needed.

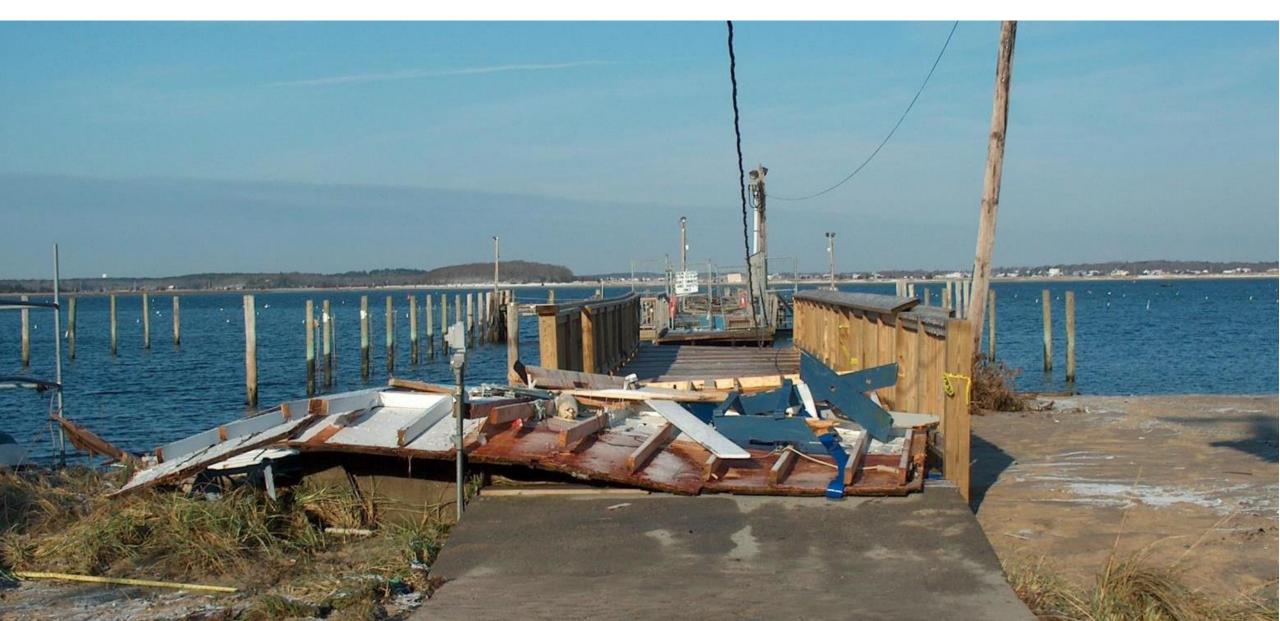
 Lives may be at risk for people who put themselves in harm's way. Isolated damage of very vulnerable structures such as docks or house decks/porches near the high tide line may be observed.
- MAJOR (Coastal Flood Warning + Major, Severe, Destructive, etc.) Coastal flooding severe enough to cause *at least* scattered structural damage along with widespread flooding of vulnerable shore roads and/or basements. Some vulnerable homes or businesses are severely damaged or destroyed. Numerous roads are impassable, some with washouts severe enough to be life threatening if one attempted to cross on foot or by vehicle. Some neighborhoods are isolated. Evacuation of some neighborhoods is necessary.

Report only when safe

Washed Out Road



Docks damaged



Decks damaged



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How to report observations using MyCoast app

Of Course There's An App For That.

Our free apps (iOS and Android) make it effortless to add your data to MyCoast.

Download via the buttons below.









Select Report Type

Report types available in **Essex County, MA** are shown below.



StormReporter

Coastal Storm Impacts



King Tide

Capturing the Highest Tides



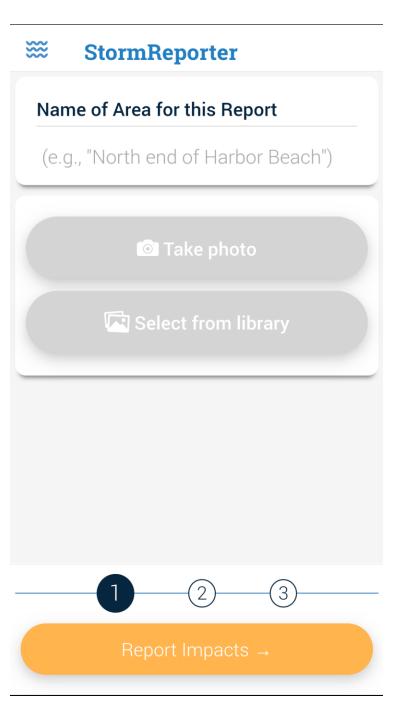
Coastal Resilience

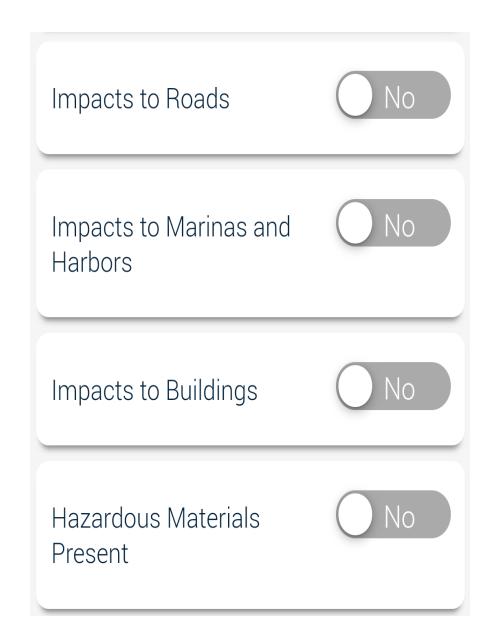
Monitoring Nature-Based Shore Stabilization

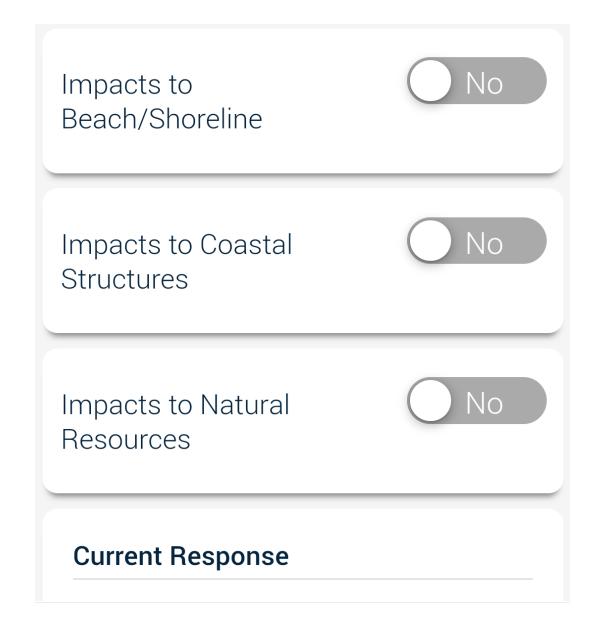


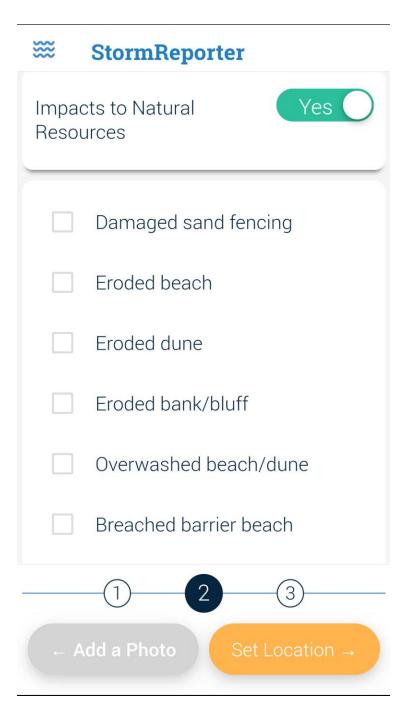
Beach Profile BETA

BETA beach profile reporting tool









Storm Report

Nantucket, MA

▲ Impacts Reported





01/03/2014 | 2:00 pm



Tidal Overview

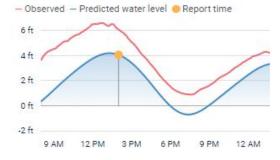
1 hours 18 minutes after high tide

Data from NANTUCKET (3.7 miles away)

Water Level (at time of report): 2:00 pm, 6.2°

High Tide (Predicted): 1:19 pm, 4.2°

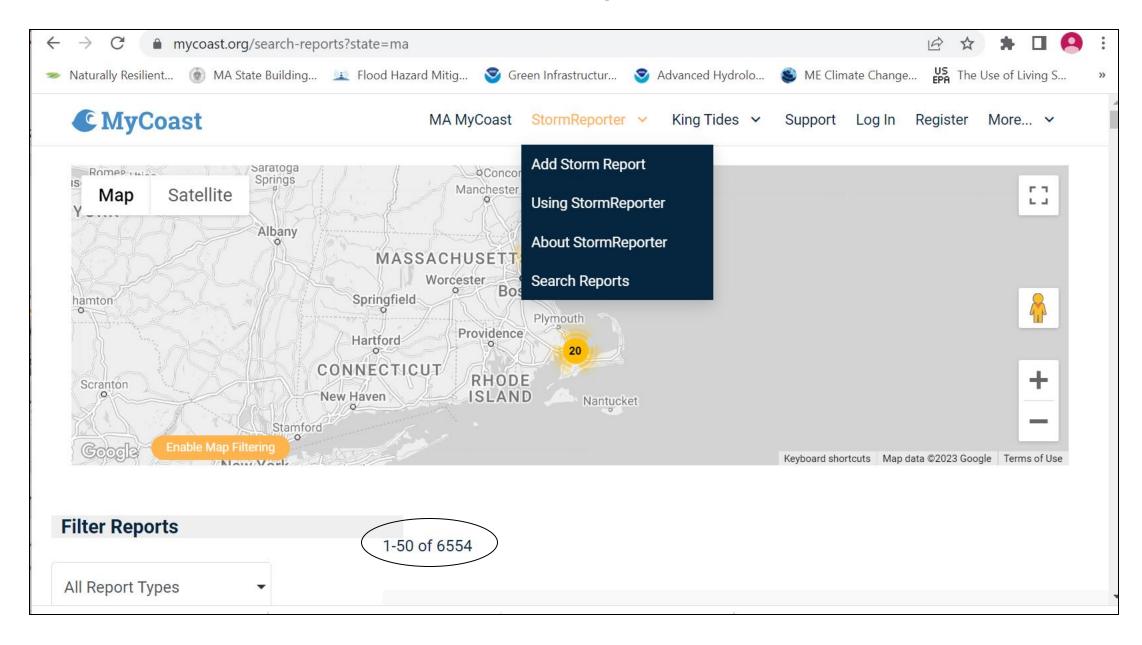
High Tide (Observed): 12:42 pm, 6.6°



(Click here for full tide details from NOAA Tides & Currents)

Weather Overview

Search Reports



Questions?

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