



NOAA

REGIONAL COLLABORATION

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



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North Atlantic Region

Storm Reporter Expands to the Mid-Atlantic Region

Continued population growth combined with sea level rise will raise the stakes for coastal flooding and erosion along the North Atlantic coastline. Efforts to improve coastal flood warnings and response depend upon the quality and thoroughness of historical data. For most locations, past accounts of coastal flooding are sketchy and incomplete. Against this backdrop and with the imagination and resources from NOAA's North Atlantic Regional Collaboration Team (NART), a new software tool, called Storm Reporter, was created to enhance coastal resiliency.

Over the longer term, more precise and comprehensive collection of coastal inundation, wave damage, and erosion information will lead to scientific advancements, better coastal planning decisions, and more accurate economic impact analyses.

For example, 22 reporters submitted over 117 reports on the effects of an early June 2012 nor'easter that hit Massachusetts. Observations regarding flooding, erosion, storm damage/no damage was used to tweak coastal flood thresholds slightly for the communities of Gloucester and Chatham.

Based on the successful deployment of Storm Reporter in New England, the tool has been refined and expanded to include the mid-Atlantic region. NOAA and state personnel in the mid-Atlantic region have begun to identify critical observation locations and plan training of government professionals and volunteers alike in observation procedures and Storm Reporter use.

Storms will no doubt pound the North Atlantic coastline in the future. However, due to the NART Storm Reporter development and expansion initiative, scientists and decision-makers will now have the opportunity to better understand, predict, mitigate, and respond to the threats posed by hurricanes and nor'easters to our increasingly vulnerable shoreline. Contact: Robert.Thompson@noaa.gov, Meteorologist-in-Charge at the Boston Office of the National Weather Service.

WELCOME TO MASSACHUSETTS STORMREPORTER

StormReporter is an innovative tool that enables the rapid delivery of coastal storm damage information to emergency management personnel and others.

Sign in with your StormSmart username and password

Note: You must be a member of the Massachusetts StormReporter group to use Massachusetts StormReporter


Username:

Password:

Login

Register for a new account

Forgot account



The Massachusetts Office of Coastal Zone Management partnered with the National Weather Service and StormSmart Coasts to make StormReporter operational for the Massachusetts Rapid Response Coastal Storm Damage Assessment Team. With support from the Northeastern Regional Association of Coastal Ocean Observing Systems (NERACOS), StormReporter has been expanded to promote rapid delivery and archival of coastal storm damage observations across New England. Local teams and citizens are highly encouraged to report all coastal storm damages in their communities.



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