Sea Grant
NEW YORK

New York State has
3,400 miles of diverse coastline
and is the only state in the U.S.
bordering both the Great Lakes
and Atlantic Ocean.
More than 85% of NY's population
lives in a coastal region.

NYSG offices

New York Sea Grant
regional offices provide
innovative research,
technical assistance, and
outreach on such issues as
water quality, coastal resilience,
marine & freshwater fisheries,
invasive species, algal blooms,
aquaculture & seafood,
coastal literacy, and shoreline
community development.

New York Sea Grant
112 Rice Hall, Cornell University
Ithaca, NY 14853
www.nyseagrant.org

NYSG Focus Area
for this project summary:
Resilient New York
Communities
& Economies

Written by
Coastal Resilience Specialist
Hannah Burnett
718-874-0108
heb84@cornell.edu

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New York City Neighborhood Flood Reports & Website

*New York Sea Grant has responded to Queens' community residents' requests
by launching neighborhood-level flood reporting and a related website.*

New York City's coastal neighborhoods face increasing rates of sunny day flooding during high tide. New York Sea Grant (NYSG) community partners in southern Queens (New York City/NYC) expressed a need for an easy way to visualize, download, and share information about flooding in their neighborhoods. Residents were already sharing photos through the NYC Community Flood Watch Project, and wanted a way to put their photographs in context using other sources of data.

In 2024, NYSG launched NYC Neighborhood Flood Reports (NFRs) and a website in partnership with FloodNet NYC. The reports are 2-page portraits of flooding at the neighborhood level in NYC. Collectively, they provide an overview of information about flooding in flood-prone communities in New York City.
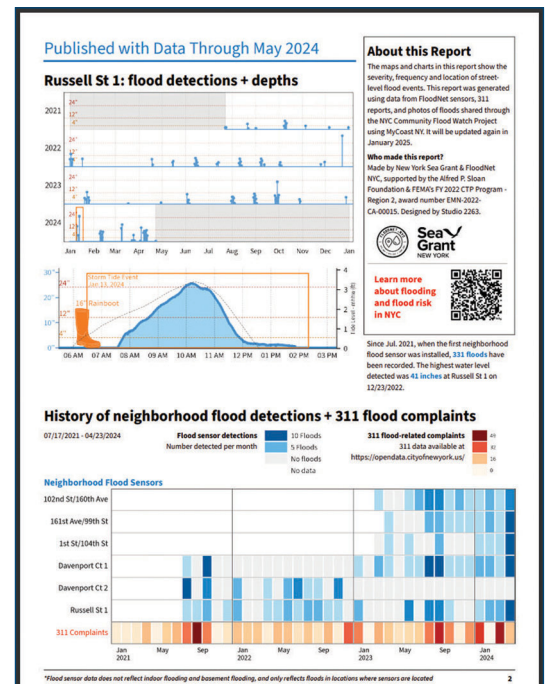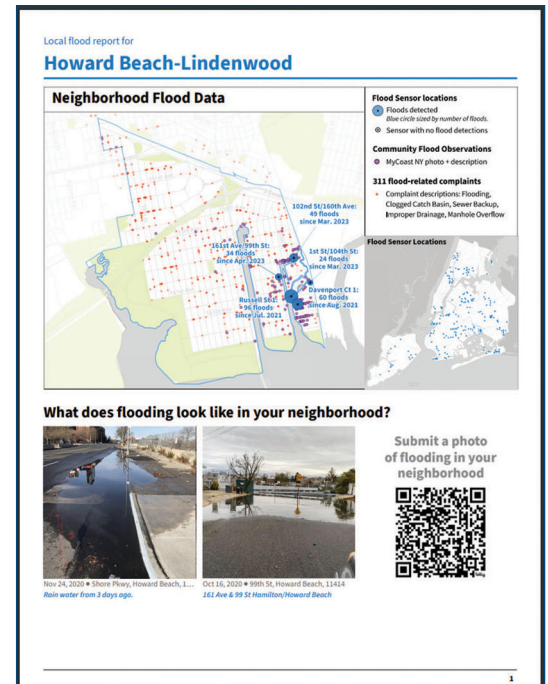
The reports automatically incorporate data from FloodNet NYC flood sensors, resident reports of flooding to NYC's 311 hotline, and MyCoast NY photo-reports of flooding from communities across the City. The number of available NFRs will increase as flood sensors are deployed to more areas of the City and as participation in the MyCoast NY tool expands. The NFRs are updated in June and January, and may be accessed and downloaded from the nyseagrant.org/floodinfonyc website with additional information, tools and resources related to flooding in NYC.

The NFRs are one of the latest examples of how New York Sea Grant is responding to community-level needs for resources associated with flooding events and impacts.

A Howard Beach-Lindenwood NFR

Project Partners/Funders:
- FloodNet NYC
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New York Sea Grant: Bringing Science to the Shore Since 1971