



New York Sea Grant is a joint program of Cornell University, the State University of New York, and the National Oceanic and Atmospheric Administration (NOAA).

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.



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.

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**NYSG Focus Area**  
for this project summary:  
**Resilient NY Communities and Economies**  
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## Beach and Boating Weather Hazards Bilingual Outreach

*New York Sea Grant provides outreach materials in English and Spanish to educate beachgoers and boaters about weather hazards and how to stay safe while they recreate*

**W**eather-related incidents and fatalities occurring at beaches and on the water can be a result of lightning and storms, wind, the sun, and rip currents. According to the National Weather Service, over the past decade 153 fatalities can be attributed to heat, 41 to lightning and storms, 53 to wind, and 71 to rip currents nationwide. New York State has nearly 1,300 bathing beaches visited by millions of patrons and more than 20,000 registered recreational boaters. Considering this, education about the hazards that beachgoers and boaters may encounter is essential to saving lives.

In response, New York Sea Grant (NYSG) developed outreach materials including rack cards, stickers, magnets, and posters that detail the aforementioned weather hazards, their associated recreational impact, and what to do if a stakeholder is experiencing them. These resources, available in English and Spanish, were distributed across New York's marinas and public bathing beaches where they are displayed prominently and available to boaters or beachgoers before they engage in water recreational activities.

Nearly 1,000 of the informative items were distributed at outreach events and workshops that targeted marina managers, beachgoers, and other relevant stakeholders. Additionally, these materials were made available at community events, education and nature centers, and parks, and during individual meetings. Digital versions are available on the NYSG\* and partner websites, e.g., the National Weather Service.

### Project Partners:

- National Oceanic and Atmospheric Administration
- Weather-Ready Nation
- National Weather Service
- Discover Clean & Safe Boating
- Funding: National Sea Grant Office

**WEATHER TO GO**  
PELIGROS DE LA PLAYA

**Los rayos y las tormentas** pueden ser mortales. Si escucha un trueno, busque refugio inmediatamente.

**Los vientos fuertes y las tormentas** crean olas peligrosas, incluso en días soleados. En caso de duda, no salga.

**El sol** emite rayos ultravioleta peligrosos. Protéjase usando protector solar, cubriéndose y manteniéndose hidratado.

**Las corrientes de resaca** son causadas por la velocidad del viento, la dirección y la altura de las olas. Siempre nade cerca de un guardavidas.

**Preste atención a los guardavidas**, las banderas de advertencia, y las señales. Conozca el pronóstico de la playa inclemencias del tiempo.

Conozca el pronóstico meteorológico local y los peligros en la playa.  
[weather.gov/wrn/Spanish](http://weather.gov/wrn/Spanish)

WNR WEATHER-READY NATION NOAA Sea Grant New York

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**WEATHER TO GO**  
BOATING HAZARDS

**Seek safe harbor during lightning and storms.**

**Wind** affects your ability to maneuver your boat.

**Protect yourself from the sun.**

**During fog** blast a horn/whistle every 2 minutes.

**Always wear a lifejacket.**

**Always check your boating forecast.**  
[weather.gov/wrn](http://weather.gov/wrn)

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\* Download these resources: <https://bit.ly/beachboatingweatherhazards>