

Hands-on Homework: North Carolina Coastal Boating Guide

This homework is to familiarize yourself with the North Carolina coastal area. This is a guided exploration, and answers are not provided. You need:

- a North Carolina Coastal Boating Guide - provided in class
- printouts of the maps posted on the www at http://courses.ncsu.edu/mea200q/lec/003/Coasts/Pamlico_maps.pdf

Unfold the coastal boating guide on a good-sized table, and spend some time just looking at it. What catches your eye? What makes you curious?

Find the latitude and longitude markings around the edge of the map. What is the range of latitudes and longitudes in Pamlico Sound?

Find the features listed below, and note their rough latitude and longitude. Mark them on your blank map.

- your favorite beach(es)
- your favorite fishing pier(s)
- your favorite weekend escape
- ferries to Ocracoke Island
- Cape Fear, Cape Lookout, and Cape Hatteras
- Albemarle Sound and Pamlico Sound
- Cape Fear River, Neuse River, Pamlico River
- shipwrecks - is there a particular area with a lot?
- Pocosin Lakes Wildlife Refuge and Lake Matamuskeet
- the Navy Bombing range (not marked, but under the word "DARE")
- towns with aquariums: Fort Fisher, Pine Knoll Shores, Manteo
- Roanoke Island: site of the lost colony
- town of Washington: the Estuarium is very cool
- historic towns: Bath and New Bern
- Kitty Hawk: site of the first powered flight

On your map, mark the salinity in Albemarle Sound, the salinity in Pamlico Sound, and the sea surface temperatures to the south and north of Cape Hatteras.

We will discuss the map features in class, and practice marking some interesting features on a blank map. On a quiz, you will be given a blank map, and asked to match the locations with significant features of the North Carolina Coast.