

2010 Newport International Boat Show/Lee Chesneau's Marine Weather Presents:

Basic Concepts of Marine Weather

1. **Overview of how weather works:** The atmosphere and principles of how clouds form; observing cloud types and what they mean to a mariner.
2. **Review of basic pressure and wind concepts:** Principles of how the atmosphere generates wind both surface and aloft. This is needed for better understanding of reading weather maps.
3. **The surface weather map:** An overview of surface weather systems (lows, fronts, and troughs; highs and ridges). Warning labels and wind barbs and other surface chart symbols as depicted on Ocean Prediction Center (OPC) and Tropical Prediction Center (TPC) marine surface weather maps.
4. **Local effects:** Gulf Stream “North Wall Episodes” and navigation of the Gulf Stream from New England to Florida.
5. **Reinforcement:** Reinforcement review questions/ exercises will be administered to ensure that the concepts discussed for each learning objectives (especially surface marine weather charts) are properly interpreted and read. Handout material will be provided to help compliment notes taking.
6. **Navigating for your weather information:** Where to access weather information from the public domain.

**Saturday & Sunday, September 18 & 19 Location TBD
Noon – 4pm**

Click Here To Register Online:

info@newportboatshow.com or call: 401-846-1115

(Seats are limited – sign-up early!)

Visit Lee Chesneau’s website at: <http://www.marineweatherbylee.com/>