

# North U.

## Weather for Sailors Seminar

### Hosting a North U Seminar at Your Club

You can host a Weather for Sailors Seminar at your club. The course is a full day program. The complete course description is below.

You pay a flat fee for us to provide the seminar leader and course. In addition, you are responsible for instructor travel expenses, meals and lodging. There is an additional charge for course books and CDs plus shipping fees. You pay only for the materials you use and can return any unused materials.

### Marketing

You are responsible for marketing and promoting your event in addition to handling registrations. We will provide course descriptions and outlines that you can use in your publicity. We will also provide posters and E-vites. You can charge whatever tuition you like.

### Site Requirements

We'll need the following at the seminar location:

- € Classroom style set up, with tables and chairs (participants like to take notes).
- € LARGE screen, preferably 8x8 or as close to these dimensions as possible
- € Control over lighting (too many windows and no window coverings will present a problem).  
The room needs to be dark enough to see our presentation. Don't forget, the sun is out during the day.
- € Projection table with power. (We bring our own projector and computer. Backups are welcome.)
- € White board or black board.
- € Registration table.
- € Catering for breaks and lunch.
- € Detailed directions, ample parking.
- € Housing and Local Transportation for the Instructor is always welcome.

### Cost

Instructor and Course Fees for Weather: \$2000  
Plus Instructor travel, meals, and accommodations.

In addition, there is a cost per student for course materials:  
Seminar Books: \$18 per student (regular retail price is \$25).  
Seminar CDs: \$25 (regular retail price is \$40).  
Unused books and CDs can be returned.

These fees are in addition to your local expenses - for marketing/ mailing, catering, room set up and equipment, if any.

**You can spend a lifetime learning to be a better sailor.  
We are here to accelerate the process.**

29 High Field Lane • P. O. Box 1296 • Madison CT 06443-2516  
203 245-0727 • Fax: 203 245-0472 • WWW.NORTHU.COM

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### **Pick Your Course and Dates**

Please let us know as soon as possible the course and date(s) you prefer. If possible, provide us with alternate date(s) as well.

### **Tuition**

You can charge whatever fee you choose for students. We can provide some guidance if you like.

### **Deposit**

A \$500 deposit is required to hold dates.

### **Where do we go from here?**

Questions? Contact Fran Wainer or Bill Gladstone at North U.

203 245 0727  
800 347 2457

Francine Wainer  
Fran@northu.northsails.com

Bill Gladstone  
bill@northu.northsails.com

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## North U Weather for Sailors

### Course Information and Outlines

#### North U Weather for Sailors

The North U. Weather for Sailors Seminar teaches sailors how to gather and interpret weather information and how to combine that information with their own observations to create a refined forecast; and then how to apply that forecast to their sailing, cruising, and racing.

Prepared jointly by North U., Bill Biewenga, and Commanders Weather, the Weather for Sailors course is designed to help sailors, cruisers, and racers gather, understand, and interpret weather information. The course includes a broad overview of weather and weather systems, and gradually narrows its focus to the wind and weather conditions you can expect aboard your boat.

With the course, you receive the Weather for Sailors book and Weather for Sailors seminar on CD, plus the North U. Weather Routing Wizard CD Rom. The North U Weather Routing Wizard is a website which guides you through the process of gathering and analyzing weather information in preparation for your next sail. The CD provides access to the Website.

WEATHER for SAILORS Seminar Topics include:

- Global, continental, regional, and local weather
- Understanding and interpreting weather maps
- Sources of weather information
- Interpreting regional and local forecast information to create your own sailing forecast
- Short term (hours), medium term (overnight), and long term (several days) forecasting
- Matching the forecast to your observations: Is the forecast playing out as expected?
- Re-assessing the forecast through you own observations:
- What to expect when crossing a front, or when a front crosses you.
- Round the buoys race forecast examples and application
- Coastal cruising forecast examples and application
- Coastal racing forecast examples and application
- Distance racing forecast examples and application
- Passage making forecast examples and application

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## North U Weather for Sailors

### Course Information and Outlines Outline

#### Part I

- Intro
- Global Climatology
- Synoptic Scale Meteorology
- Local Conditions
- Global/ Synoptic/ Local Interaction

#### Part II

- Gathering Weather Info
- Evaluating Weather Info
- Planning Based on Vessel and Weather Info
- Acting on the Plan and Re-acting to Reality
- Role of “Routers”
- Routing Software

#### Part III - Examples for sailing, racing and cruising

- Here's the info
  - a. Type of sailing
    - i. Venue (Newport, Miami, SF, Chicago)
    - ii. Sail/ Race/ Cruising (delivery, day race, coastal cruise)
    - iii. Extent - day, coastal, passage (hours, days, weeks)
  - b. Forecast, weather map, and observations
- What do we expect the weather to do?
  - a. Use info to create a boat specific forecast
- How to Respond - What is our weather strategy?
  - a. Use forecast (and boat's capabilities) to plan a strategy
- How are we doing so far?
  - a. Evaluation test
    - i. Is it playing out as expected?
    - ii. Timing - on pace, faster or slower?

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