



Weather For The Mariner

We are very excited about this new course. It will be 5 weeks in length, one night a week, starting Wednesday, January 24, 2007. The course will be held on 3 consecutive Wednesday evenings (January 24, January 31, February 7) followed by two Monday evenings (February 12 & 19). The classes will be from 7 to 10 in the evening and will be held at our regular classroom space at 1776 S. Jackson St., Denver

The instructor for the course will be John Mc Ginley, a NOAA weather scientist based in Boulder, Colorado. In addition to his obvious weather experience, John is an active member of the Carter Lake Sailing club and has an Atlantic crossing in his resume.

The following is an abbreviated list of the topics that will be covered.

1. Global Circulation.
2. Structure of Cyclones.
3. Oceans.
4. Tropical Storms.
5. Small scale and Mesoscale Weather.
6. Weather on Inland Lakes.
7. Weather in the Coastal and Cruising Zones.
8. Weather information.
9. Weather Planning and Routing for Voyages.

The following is an abbreviated list of the exercises that will be covered.

1. Plot data and analyze a weather map.
2. Compute wind estimates from the surface pressure chart.
3. Compute average and maximum wave heights off a surface chart.
4. Strategies for hurricane hazard avoidance.
5. Determining hazards around thunderstorms.
6. Diagnosing wind flow around lakes.
7. Creating a weather chart from radio, verbal reports.
8. Perform an optimum planning/ routing exercise from weather charts and text products.

Each course consists of:

- Notes relating to the text and excerpts from other publications.
- Exercises to practice the theory.

Please note - this is not an ASA/CYA certified course - such a course does not exist.