



C L E A R W A T E R

# Navigator

M A R C H / A P R I L 2 0 0 4

SPRING 2004  
SAIL SCHEDULE  
(SEE PAGES 6 & 7)

## HUDSON RIVER REPORT CARD: BALD EAGLES ON THE RISE

By Chris Bowser, Education Director

The bald eagle is an icon of national pride, but it is also an emblem of environmental rebound, especially here in the Hudson Valley.

Bald eagles (*Haliaeetus leucocephalus*) are an unmistakable and increasingly common sight along the Hudson River. Although equipped with a hunter's seven-foot wingspan and predatory talons, this raptor will scavenge or steal whenever the opportunity presents itself.

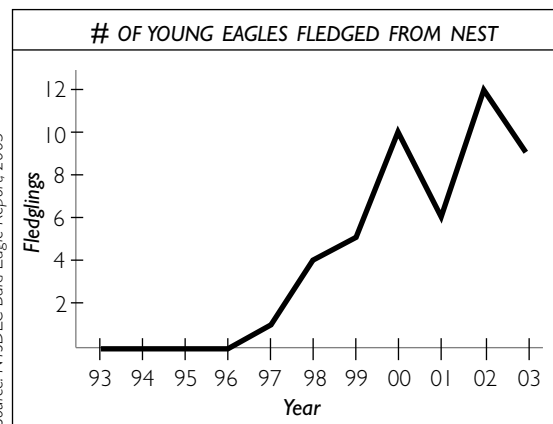
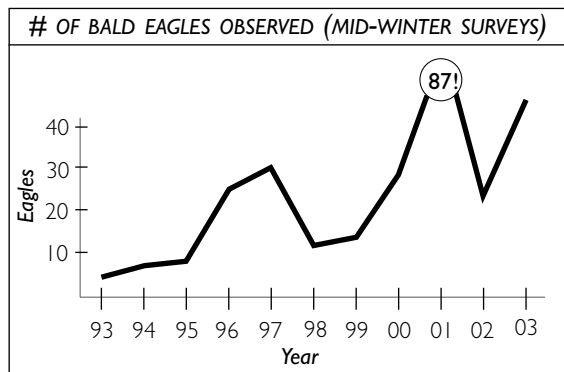
Two populations of eagles make use of the Hudson's habitats. Many eagles from more northern states and Canada spend their winters on the Hudson. Since 1980, the New York State Department of Environmental Conservation has conducted eagle surveys each January (*graph at right*). In surveys between Albany and Croton numbers have generally grown, with fluctuations due to many factors, including weather severity, breeding success, and even the luck of the surveyors. An eagle banded in 1998 returned to the same site at Constitution Island for 4 consecutive winters, and most likely summered in New Brunswick, Canada.

The second group of eagles is the Hudson's breeding population. The first Hudson River eaglet in 100 years was hatched in 1997 near Catskill, NY. The valley had 9 fledglings (young that fly from the nest) in 2003, down from 12 in 2002 (*graph below*). Most Hudson eaglets are carefully studied and banded by the NYSDEC Endangered Species Unit. There is some mortality each year, from falling, train collisions, and even aggressive eagles. These birds of prey eat very high on the food chain and sometimes have



Eric Lind

A "dirty bird" displays the mottled plumage of eagles less than three years old.



Source: NYSDEC Bald Eagle Report, 2003

significant levels of PCBs in their tissues. Others appear to have died from lead poisoning.

Nesting pairs in the lower 48 states have increased from 417 in 1963 to 6,471 in 2000. Nationally, the bald eagle's status changed from "Endangered" to "Threatened" in 1995, indicating hazards still remain. Along the Hudson, development and demand for public use is increasing at a much faster rate than landscape protection. "Habitat is everything," reports Peter Nye of NYSDEC. "How we deal responsibly with the land we have left, for eagles, people, all living things... that's the challenge for mankind."

Information for this article was obtained from the NYSDEC 2003 Bald Eagle Report, available at [www.dec.state.ny.us](http://www.dec.state.ny.us).

THE GREAT HUDSON RIVER REVIVAL 2004! (SEE PAGES 4 & 5 FOR DETAILS)

# HUDSON RIVER DIGEST

## SEAFOOD SALAD: TOXINS CITED IN FARMED SALMON AND ALBACORE TUNA

According to a recent study led by Dr. David Carpenter, Director of the Institute for Health and the Environment at the University at Albany, farm-raised salmon contain levels of PCBs and dioxins that are 10 times greater than those found in wild salmon. EPA guidelines say that if a person eats fish twice a week, it should contain no more than 4 to 6 parts per billion of PCBs. The study found that PCB levels in farmed salmon sold in the United States and Canada averaged about 30 parts per billion.

Americans are eating more salmon than ever because the fish are rich in heart-healthy omega-3 fatty acids, and usually contain lower levels of mercury than most other seafood. The Carpenter study, which examined 700 whole fish and fillets from around the world, recommends that consumers in North America eat no more than two portions of farm-raised salmon a month in order to keep within EPA guidelines.

Farmed salmon have a much higher level of toxins than their wild cousins do, because they are fed concentrated fish meal that consists of ground-up fish tainted with the contaminants.

The two-year, \$2.4 million study,

funded by the Pew Charitable Trust and published in the journal *Science*, is the latest blow to the commercial fish industry.

Another recent study by Drs. Joanna Burger and Michael Gochfeld of Rutgers reports that mercury, mostly methyl mercury, levels in expensive white (Albacore) tuna are four times greater than mercury in less costly light (Skipjack) tuna. The study indicates these findings are consistent in both solid and chunk and in tuna packed in oil or water. White tuna levels averaged 0.47 parts per million total mercury vs. 0.118 ppm for light. The study further notes that many individual cans of white tuna exceed the FDA action level of 0.5 ppm. The take home message is, if you eat tuna, eat the cheaper lighter kind to reduce your mercury intake.

Manna Jo Greene  
Environmental Director

## NEW FORMAT FOR HUDSON RIVER ALMANAC

The *Hudson River Almanac*, published by NYSDEC's Hudson River Estuary Program since 1994, is a compilation of natural history observations like the one below, submitted by anglers, boaters, hikers, teachers, students, scientists, and other river lovers.

1/14/04 *Roa Hook, Hudson River Mile 44: On the late afternoon train home from Manhattan, I spotted an adult bald eagle flying alongside, keeping up very nicely. I had to tell someone, so I said, half out loud, "There's a bald eagle." Immediately six heads and twelve eyes came up from newspapers, crossword puzzles, and corporate reports to see the bird. The woman in the seat behind me was enraptured! "Wow! Just like the movie Winged Migration." Except this one recurs every day.*

~Tom Lake

Once published annually, the *Almanac* is now emailed weekly as an electronic newsletter, providing information and inspiration in a much more timely manner. To sign up to receive the *E-Almanac* free of

charge, send an email message to [hrep@gw.dec.state.ny.us](mailto:hrep@gw.dec.state.ny.us).

## RISING WATERS AT ESOPUS MEADOWS

Since 1994, Clearwater has operated the Esopus Meadows Environmental Center (EMEC) on River Road in



Dore Conover

Ulster Park as an environmental classroom, the primary site for the Tideline Discovery Program. EMEC is part of Scenic Hudson's 93-acre Esopus Meadows Point Preserve.

Esopus Meadows is a perfect site to run a shore-based program, lying just a few feet from the river's edge. Normally, the river behaves itself and stays within its banks, but on December 11, 2003, heavy rain conspired with snow melt and a rising tide to flood the site. At its peak, the river began to flow underneath the Center's porch, and I began to wonder if the entire building would soon be floating off of its foundation. But like clockwork, the tide shifted as it always does and the water level slowly fell, leaving behind a pile of driftwood, litter, and water chestnuts. This episode gave me a tiny taste of what life might be like in the coming decades with predicted sea level rises and severe weather, courtesy of global warming.

The Center itself is usually open only as a classroom space for pre-scheduled school and group programs, but don't let that stop you from coming to visit. The Preserve's trails and grounds are open seven days a week, from dawn to dusk. Call Clearwater for more information. Feel free to stop by the center and say hi. Hopefully, I won't be treading water.

Dore Conover  
Esopus Meadows Caretaker

# Education Preview

It's hard to imagine poking around on the beach at EMEC (Esopus Meadows Environmental Center) as I write this. The beach is covered with layered ice and giant ice slabs – today, it is an unforgiving and even treacherous landscape. In a few short months, it will once again become the lovely learning ground for hundreds of local school children as they experience the Hudson River through Clearwater's Tideline Discovery Program.

The sloop sits in its frozen bath as the winter crew labors over their winter projects – mid-April's launch into another season of Classroom of the Waves a distant dream.

Ah, Spring. We're ready for you.

This in-between time – Clearwater's "Now" – is filled with something new, something that's growing in depth and desirability: *Professional Development*. In the past, we've educated varied audiences about the Hudson estuary. The river's animal life and physiological processes have come to life for the teachers and college students who take our courses. *Now*, we are adding a new series of courses. Courses that focus on the historic, literary and artistic Hudson. Courses that reflect the environmental ethic created in the 1800's and cultivated in the 1900's. Courses that examine the way we make decisions about complex environmental issues.

We change and grow with every season – even the in-between ones.

If you or anyone you know might be interested in Clearwater's professional development services, please contact Linda Richards at 845-454-7673 x115 or [Linda@clearwater.org](mailto:Linda@clearwater.org)



Bowser

## A Biodiesel Engine for Clearwater

An anonymous donor has contributed \$12,500 as a match to encourage support for the \$25,000 anticipated cost of a new biodiesel-compatible engine for the *Clearwater*. After repeated failed attempts to secure a donated engine, we are entering the sloop's 35<sup>th</sup> season with the original Cummins diesel.

Two years ago we committed to use sustainable biodiesel fuels wherever possible. Biofuel has powered the Rainbow Stage at Revival for three years, and powered Clearwater's van-sized school bus until the vehicle became a liability. With a biodiesel engine driving the sloop, we will make biofuel part of our on-board educational program.

In order to use biodiesel on the sloop we must have Coast Guard approval, but USCG approval is contingent on the engine manufacturer's endorsement of the fuel. Cummins is in a conflict with the USEPA over falsified emissions data (!) and as a result is apparently reluctant to take any steps that might attract more attention.

Two manufacturers that make marine engines and have explicitly endorsed the use of ASTM biofuels are John Deere and Caterpillar. Please help us walk the walk and talk the talk. Once the remaining \$12,500 is in place we will order the new engine, establish the needed delivery and storage infrastructure, and by April of 2005 we'll be on the river powered by wind and plant biomass.

# CLEARWATER CALENDAR

### FRI. MARCH 12, 7PM

Clearwater Winter Potluck Dinner  
Crew House at 138 Partition St.  
(above Burning Lights) Saugerties, NY  
Call (845) 454-7673 for details.

### SAT. MARCH 13, 7PM

Walkabout Clearwater Coffeehouse  
featuring Vance Gilbert & Ellis Paul.  
Katonah, NY. Informal choral Teachabout  
with the chorus. A portion of proceeds  
benefit Clearwater. (914) 242-0374

### SAT. MARCH 27, 8PM

Richard Julian Concert  
([www.richardjulian.com](http://www.richardjulian.com)) in intimate  
setting in private home. Proceeds benefit  
Clearwater. Limited seating - reservation  
only. Hastings on Hudson, NY.  
\$25 minimum contribution... additional \$\$  
are always great! (914) 693-6058

### SAT. APRIL 10, 7PM

Walkabout Clearwater Coffeehouse  
featuring Guy Davis and Stone Soup.  
(see above for contact information)

### SAT. APRIL 24TH

Clearwater Board Meeting  
(location TBA)

### SAT. MAY 1, 7:30AM

*The Great Saunter* – a 32-mile walk  
around Manhattan! Starts at 7:30 a.m.  
near So. St. Seaport. \$15 donation  
suggested. Sponsored by Shore Walkers.  
(212) 663-2167 ([www.shorewalkers.org](http://www.shorewalkers.org))

### MAY 15

*Sail on the Mystic Whaler at the  
Kingston Shad Fest!* (845) 454-7673

### MAY 29 & 30

*Memorial Day Weekend Sails!*  
(see page 7 for details)

### JUNE 19 - 20, 11AM - DUSK

*The Great Hudson River Revival!*  
(see pages 4 & 5 for details)

### JULY 6 - JULY 15, 2004

*The Great Hudson River Paddle* – a ten-day  
paddle from Albany to NYC sponsored  
by Hudson River Valley Greenway, NYC  
Office of Parks, Recreation and Historic  
Preservation, and NYSDEC. Join in the  
adventure! 518-473-3835.

### UPCOMING SHAD FESTIVALS:

- May 2:** Inwood Park
- May 8:** Nyack
- May 9:** Midwood
- May 15:** Catskill, Kingston
- May 16:** Croton
- May 23:** Ross Dock, Ft. Lee, NJ

For more calendar listings and updates  
please visit [www.clearwater.org](http://www.clearwater.org)

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# SPRING 2004 SAILING SCHEDULE

SLOOP CLEARWATER

DATES, TIMES AND LOCATIONS ARE SUBJECT TO CHANGE



## APRIL

- 13 **PEEKSKILL/CHARLES POINT DOCK**  
(9-12) & (1-4) North Salem Middle School
- 14 **PEEKSKILL/CHARLES POINT DOCK**  
(9-12) Peekskill HS; (PM) TRANSIT
- 15 **ALPINE BOAT BASIN**  
(9-12) & (1-4) Eric Smith Middle School
- 16 **YONKERS/CITY PIER**  
(9-12) Prospect Hill ES; (1-4) Eric Smith MS
- 17 **ALPINE BOAT BASIN**  
(9-12) The Newark Museum  
**YONKERS/CITY PIER**  
(2-5) Sarah Lawrence College
- 18 **YONKERS/CITY PIER**  
(9-2) Volunteers; (AM/PM) MAINT
- 19 -20 **YONKERS/CITY PIER**  
(9-2) Riverdale Country School
- 21-22 **ALPINE BOAT BASIN**  
(9-2) Willard School; (1-4) Memorial ES
- 23 **ALPINE BOAT BASIN**  
(9-12) River Dell MS; (1-4) Memorial ES
- 24 **ALPINE BOAT BASIN**  
(10-1) Girl Scouts - River Vale;  
(2-5) Girl Scouts - Park Ridge
- 25 **YONKERS/CITY PIER**  
(9) Volunteers; (AM/PM) MAINT.
- 26 **YONKERS/CITY PIER**  
(9-12) Emerson MS; (1-4) TBA
- 27 **ALPINE BOAT BASIN**  
(9-12) & (1-4) TBA
- 28 **YONKERS/CITY PIER**  
(9-12) & (1-4) Murray Avenue School
- 29 **YONKERS/CITY PIER**  
(9-12) Murray Avenue School; (1-4) TBA
- 30 **NYC/PIER 40**  
(9-2) Brooklyn Technical High School

## MAY

- 1 **NYC/PIER 40**  
(10-1) TBA; (2-5) E.S.S.A./APEC
- 2 **NYC/PIER 40**  
(9) Volunteers; (AM/PM) MAINT.
- 3 **NYC/PIER 40**  
(9-12) Tribeca Learning Center; (1-4) TBA

- 4 **NYC/79TH STREET BOAT BASIN**  
(9-12) PS 176; (1-4) FLHamer Freedom HS
- 5 **NYC/79TH STREET BOAT BASIN**  
(9-12) Manhattan Country Sch.; (1-4) TBA
- 6 **NYC/79TH STREET BOAT BASIN**  
(9-12) & (1-4) Park Slope Educ. Complex
- 7 **NYC/79TH STREET BOAT BASIN**  
(9-12) PS 188Q; (1-4) Lindsay Wildcat Acad.
- 8 **ALPINE BOAT BASIN**  
(10-1) Girl Scouts/Ocean Co.; (2-5) Art Start
- 9 **YONKERS/CITY PIER**  
(9) Volunteers; (AM/PM) MAINT.
- 10 **YONKERS/CITY PIER**  
(9-12) Kinneret Day School  
(1-4) Rippowam Cisqua School
- 11 **YONKERS/CITY PIER**  
(9-12) Christopher Stutler Sail  
(1-4) Rippowam Cisqua School
- 12-13 **YONKERS/CITY PIER**  
(9-12) Pelham High School  
(1-4) Ethical Culture Fieldston School

**ONE OF  
THE VALLEY'S  
BEST KEPT SECRETS!!!**

You can charter the sloop *Clearwater* for your own special event or celebration, and your private charter helps to underwrite our "Classroom of the Waves" environmental education program. For details, please call the Clearwater office at (845) 454-7673 or e-mail us at [office@clearwater.org](mailto:office@clearwater.org).

- 14 **NYC/79TH STREET BOAT BASIN**  
(9-12) & (1-4) TBA
- 15 **NYC/79TH STREET BOAT BASIN**  
(1-4) Lower East Side Ecology Center
- 16 **NYC/79TH STREET BOAT BASIN**  
(9) Volunteers; (AM/PM) MAINT.
- 17 **NYC/79TH STREET BOAT BASIN**  
(9-12) Saint Hilda's & Saint Hugh's  
(1-4) Hudson Cty Schools Tech.
- 18 **NYC/79TH STREET BOAT BASIN**  
(9-12) & (1-4) Public School 183
- 19-20 **NYC/79TH STREET BOAT BASIN**  
(9-12) & (1-4) PS 9/Anderson Program
- 21 **NYC/OWLS HEAD**  
(9-2) Public School 232Q
- 22 **NYC/79TH STREET BOAT BASIN**  
(10-1) TBA; (2-5) Friends of Fishes
- 23 **NYC/79TH STREET BOAT BASIN**  
(9) Volunteers; (AM/PM) MAINT.
- 24 **ALPINE BOAT BASIN**  
(9-12) Nanuet High School; (1-4) TBA
- 25 **YONKERS/CITY PIER**  
(9-12) PEARLS; (1-4) TBA

- 26-27 **YONKERS/CITY PIER**  
(9-12) & (1-4) PEARLS
- 28 **ALPINE BOAT BASIN**  
(9-12) & (1-4) Eastern Christian MS
- 29 **NYC/79TH ST. BOAT BASIN**  
(10-3) Rocking The Boat
- 30 **NYC/ 79TH ST. BOAT BASIN**  
(10-1) & (6-9) MEMBER SAIL
- 31 **NYC/79TH ST. BOAT BASIN**  
(9) Volunteers; (AM/PM) MAINT/TRANSIT

## JUNE

- 1-3 **PIERMONT/PIERMONT PIER**  
(9-12) & (1-4) Cottage Lane School
- 4 **NYC/79TH STREET BOAT BASIN**  
(6-9) New York Mercantile Exchange
- 5 **NYC/79TH STREET BOAT BASIN**  
(10-1) TBA; (2-5) All Saints Church
- 6 **NYC/79TH STREET BOAT BASIN**  
(9) Volunteers; (AM/PM) MAINT.
- 7 **YONKERS/CITY PIER**  
(9-12) & (1-4) Bronxville Elementary
- 8 **YONKERS/CITY PIER**  
(9-12) Bronxville Elementary School  
(1-4) Westchester Magnet Academy
- 9 **YONKERS/CITY PIER**  
(9-12) & (1-4) Bedford Road School
- 10 **YONKERS/CITY PIER**  
(9-12) Bedford Rd Sch.; (1-4) Springhurst ES
- 11 **YONKERS/CITY PIER**  
(9-12) & (1-4) Springhurst Elementary
- 12 **YONKERS/CITY PIER**  
(10-1) Westchester Env'l Student Council  
(PM) TRANSIT
- 13 **PEEKSKILL/CHARLES POINT DOCK**  
(9) Volunteers; (AM/PM) MAINT.
- 14 **PEEKSKILL/CHARLES POINT PARK**  
(2-5) Ferry Sloops, Inc; (6-9) MEMBER SAIL
- 15 **PEEKSKILL/CHARLES POINT PARK**  
(9) Volunteers; (AM/PM) TRANSIT/MAINT.
- 16 **PEEKSKILL/CHARLES POINT PARK**  
(9-12) & (1-4) Lakeview Elementary School
- 17 **PEEKSKILL/CHARLES POINT PARK**  
(9-12) Lakeview Elementary School; (1-4) TBA
- 18 **HAVERSTRAW MARINA**  
(AM/PM) CLOSED
- 19-20 **CROTON POINT (OFF-SHORE)**  
Great Hudson River Revival!  
(11:30-1:30) Public Sail  
(2:30-4:30) Public Sail  
(6-8) Public Sail
- 21 **HAVERSTRAW MARINA**  
(9) Volunteers; (AM/PM) MAINT.
- 22-23 **HAVERSTRAW MARINA**  
(AM/PM) CLOSED
- 24-25 **TBA**  
(9-12) & (1-4) TBA

# SPRING 2004 SAILING SCHEDULE

SCHOONER MYSTIC WHALER

DATES, TIMES AND LOCATIONS ARE SUBJECT TO CHANGE

## APRIL

- 13 **NEWBURGH/TOWN LANDING**  
(9-12) & (1-4) Orville A. Todd MS
- 14 **NEWBURGH/TOWN LANDING**  
(9-12) NY Military Acad; (1-4) Hackley School
- 15-16 **NEWBURGH/TOWN LANDING**  
(9-12) & (1-4) Gidney Ave. Magnet School
- 17 **NEWBURGH/TOWN LANDING**  
(10-1) & (2-5) TBA
- 18 **NEWBURGH/TOWN LANDING**  
(9) Volunteers; (2-5) TBA
- 19 **NEWBURGH/TOWN LANDING**  
(10-1) & (2-5) Somers Intermediate School
- 20 -21 **NEWBURGH/TOWN LANDING**  
(9-12) & (1-4) Somers Intermediate School
- 22 **NEWBURGH/TOWN LANDING**  
(9-12) & (1-4) Horizons-on-the-Hudson
- 23 **NEWBURGH/TOWN LANDING**  
(9-12) & (1-4) Cornwall-on-Hudson
- 24 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) & (1-4) TBA
- 25 **POUGHKEEPSIE/WARYAS PARK**  
(9) Volunteers; (2-5) Vassar Greens
- 26 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) Kildoan School; (1-4) Alden Place ES
- 27 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) & (1-4) Alden Place Elementary
- 28 **POUGHKEEPSIE/WARYAS PARK**  
(9:30-12) Duzine/Lenape PTA  
(1-4) Dutchess Day School
- 29-30 **POUGHKEEPSIE/WARYAS PARK**  
(9:30-12) & (1-3:30) Duzine/Lenape PTA

## MAY

- 1 **POUGHKEEPSIE/WARYAS PARK**  
(10-1) & (2-5) TBA
- 2 **POUGHKEEPSIE/WARYAS PARK**  
(9) Volunteers; (2-5) TBA
- 3 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) Oakwood School; (1-4) Alden Place ES
- 4 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) & (1-4) Alden Place Elementary
- 5 **POUGHKEEPSIE/WARYAS PARK**  
(9-2) Millbrook HS; (1-4) Stuart Country Day
- 6 **COXSACKIE/VILLAGE DOCK**  
(AM/PM) TRANSIT
- 7 **COXSACKIE/VILLAGE DOCK**  
(9-12) Ellis ES; (1-4) Undermountain ES
- 8 **COXSACKIE/VILLAGE DOCK**  
(10-1) Westmere ES; (2-5) Glens Falls MS
- 9 **COXSACKIE/VILLAGE DOCK**  
(9) Volunteers; (2-5) TBA
- 10 **CASTLETON/CASTLETON BOAT CLUB**  
(9-12) & (1-4) Berlin Central School Dist.
- 11 **CASTLETON/CASTLETON BOAT CLUB**  
(9-12) TBA; (PM) TRANSIT
- 12 **SAUGERTIES/USCG**  
(9-12) & (1-4) Rosendale Elementary
- 13 **RHINEBECK/RHINECLIFF DOCK**  
(9-12) Lakeside MS; (1-4) Memorial ES
- 14 **KINGSTON/HRMM**  
(9-12) & (1-4) S. Kortright Central School
- 15 **KINGSTON/HRMM**  
(AM/PM) Shad Fest!

- 16 **KINGSTON/HRMM**  
(9) Volunteers; (AM/PM) Shad Fest!
- 17 **KINGSTON/HRMM**  
(9-12) & (1-4) George Washington PTA
- 18 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) Highland Elementary School  
(1-4) Mid-Hudson Children's Museum
- 19 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) & (1-4) Highland Elementary School



Each spring season, the schooner *Mystic Whaler* helps *Clearwater* provide educational programs for thousands of Hudson Valley students.

- 20 **POUGHKEEPSIE/WARYAS PARK**  
(9-12) & (1-4) Increase Miller
- 21 **NEWBURGH/TOWN LANDING**  
(9-12) S.P.L.A.S.H.; (1-4) Fieldston School
- 22 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) TBA
- 23 **WEST POINT/SOUTH DOCK**  
(9) Volunteers; (2-5) TBA
- 24-25 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) Crompond Elementary
- 26-28 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) Huckleberry Hill School
- 29-30 **WEST POINT/SOUTH DOCK**  
(10-4) PUBLIC SAIL: Memorial Day Weekend
- 31 **WEST POINT/SOUTH DOCK**  
(9) Volunteers; (AM/PM) CLOSED

## JUNE

- 1 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) Robert E. Bell School
- 2 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) Cornwall Elementary School
- 3 **WEST POINT/SOUTH DOCK**  
(9-12) Cornwall ES; (1-4) E.J. Russell ES
- 4 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) E.J. Russell Elementary
- 5 **WEST POINT/SOUTH DOCK**  
(10-3) Architect's League of No. NJ-AIA
- 6 **HAVERSTRAW MARINA**  
(9) Volunteers; (2-5) Girl Scouts/Tappan Zee
- 7 **WEST POINT/SOUTH DOCK**  
(9-12) Scared Heart School; (1-4) TBA
- 8 **WEST POINT/SOUTH DOCK**  
(9-12) & (1-4) Robert E. Bell School

## SAIL THE HUDSON RIVER HIGHLANDS

The 3rd Annual Memorial Day Weekend Sails  
Aboard the Schooner *Mystic Whaler*

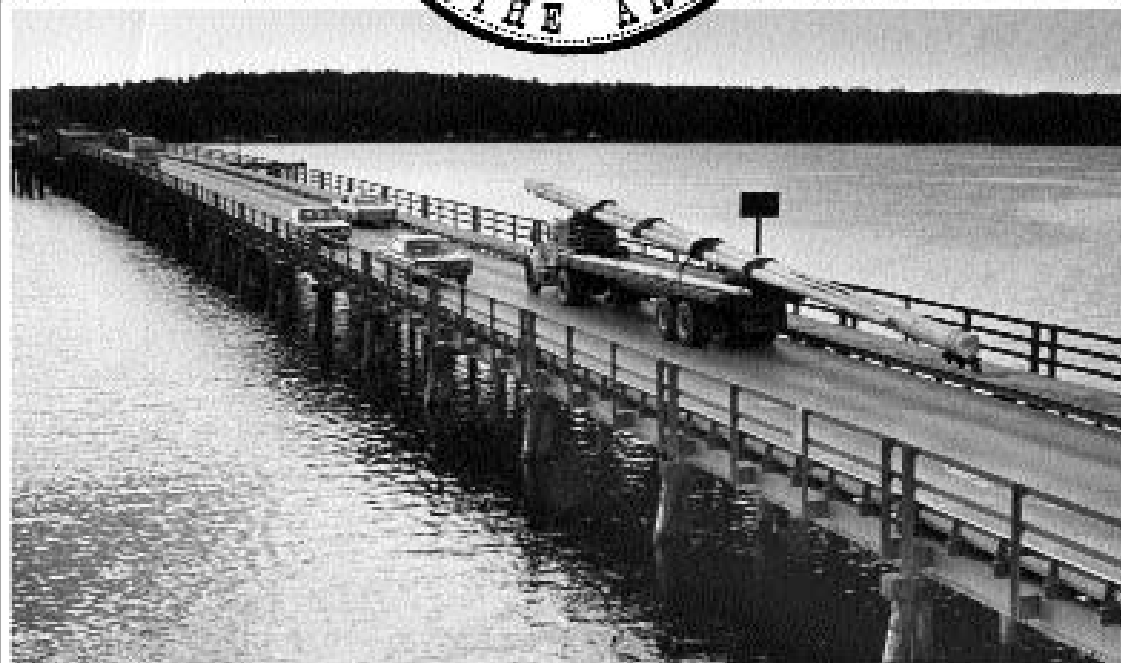
Clearwater and the schooner *Mystic Whaler* are hosting 6-hour sails on Saturday, May 29th and Sunday, May 30th. Sail the Hudson River Highlands, one of America's most dramatic landscapes.

Sails will board at West Point's South Dock at 9:30am, returning at 4:00pm. Transportation from the Garrison train station across the river will be available if requested. A delicious lunch will be provided, along with sail-raising fun, musicians, education programs, West Point historians, and plenty of opportunities for sight-seeing and photography. Cost: \$80/ person.

**TO FIND OUT MORE & SIGN UP:**

Please call Clearwater or the *Mystic Whaler* office at

**1-800-697-8420**



**A SPAR IS BORNE...** Back in early 1969, the Clearwater's original mast, boom, gaff, and topmast traveled up the Maine coast by flatbed truck. These huge Douglas Fir spars were installed in the sloop shortly after her launch on May 17th. Photographer unknown.

*From the Archives will regularly present photographs, illustrations, and anecdotes from Clearwater and the Hudson River's past.*

## Clearwater Wish List:

### Rough But Reliable Pickup

A full-size 4wd pickup or van is needed to transport Clearwater's solar trailer. With your help, we can make this 2-kw solar generator available to municipalities and groups throughout the Valley for community events.

### Two Notebook Computers (PC)

One will live on the sloop to download real-time weather radar as a safety feature for on-board programs and provide live uplinks to the web site. The second will be used with a projector for digital photography and Powerpoint presentations in our school and community programs. Minimum requirements: Pentium 3 or better, 10gb hard drive or better, 256m RAM or better, Windows 2000 or XP.



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**Hudson River Sloop CLEARWATER, Inc. ■ 112 Little Market Street, Poughkeepsie, NY 12601**

**www.clearwater.org ■ 845.454.7673 ■ 845.454.7953 (fax)**

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