

University of Michigan Detroit Observatory



1398 East Ann Street, Ann Arbor, Michigan 48109-2051 (corner of East Ann & Observatory Streets)

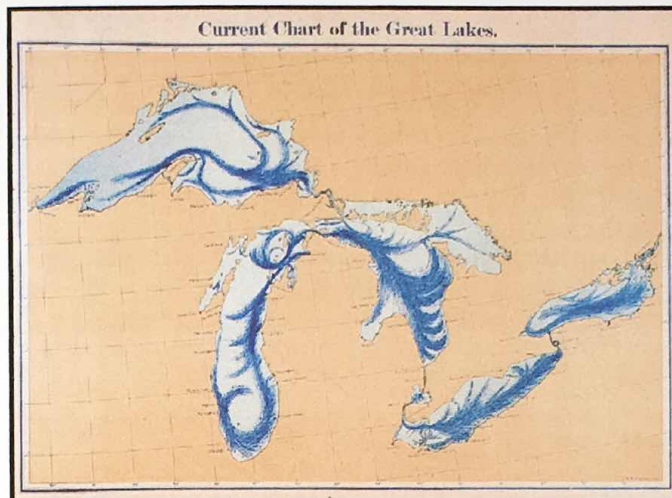
Surface Currents in the Great Lakes: What have we learned since Mark Harrington's survey in 1894?

David Schwab

Great Lakes Environmental Research
Laboratory, National Oceanographic
& Atmospheric Administration

**3 p.m. Tuesday
December 7**

in the Observatory Library
(seating limited to 40 people)



In 1894, Mark Harrington, former director of the Detroit Observatory and then Chief of the U.S. Weather Bureau, authored a pioneering report on the "Currents of the Great Lakes as deduced from the movements of bottle papers during the seasons of 1892 and 1893." Since Harrington's drifting bottles, many more sophisticated techniques have been developed to measure and predict water movement in the lakes. Dr. Schwab will present a review of Harrington's work as well as a survey of modern current measurement techniques.

Upcoming Lectures:

The Rush to Misfortune: Portraits and Perspectives of Gold Rush Era California

Barbara DeWolfe

Curator of Manuscripts, UM Clements Library

3 p.m. Tuesday, January 25

Air-Conditioning America:

The Coldward Course of Progress

Marsha Ackermann

Lecturer in History, Eastern Michigan University

3 p.m. Tuesday, February 22

A Creation of His Own:

Tappan's Detroit Observatory

Patricia S. Whitesell

Director & Curator, UM Detroit Observatory

3 p.m. Tuesday, March 22

* Reservations required for this lecture *

Lecture Series:

Each month the Observatory hosts faculty and other professionals speaking on topics that heighten our understanding of 19th-century science, technology and culture. Lectures are free and open to the public. They are held in the Observatory Library (limit 40 people).

Tours & Information:

The Observatory will be open for tours from from 1-4 p.m. on Tuesday, December 14. For a complete tour schedule, and further details on the Observatory's history, collections and programs, please call us at **(734) 763-2230**, or visit our web site, **www.DetroitObservatory.umich.edu**.

★ Recognized by the Michigan Historic Preservation Network, the American Association for State & Local History, the City of Ann Arbor, and the American Institute of Architects-Michigan for its award-winning restoration and museum. ★

Fall 2004 Lecture Series