Appendix B. Selected Web Pages Related to MHB

1. NARRAGANSETT BAY PORTS DATA: (CONDUCTIVITY, SALINITY, SPECIFIC GRAVITY, WATER TEMPERATURE)

   http://ports-infohub.nos.noaa.gov/ports/hubs/narragansett_bay/index.shtml

2. NARRAGANSETT BAY PORTS: FALL RIVER COMPOSITE

   a) Fall River water levels – observation and prediction

   b) Fall River winds

   c) Fall River currents – along and cross channel profiles

   d) Fall River currents – observed along and cross channel time series

   e) Fall River currents – predicted along and cross channel time series

   http://www.co-ops.nos.noaa.gov/nbports/Composite_fr.html

3. NARRAGANSETT BAY / MOUNT HOPE WATERSHED

   The Mount Hope Bay Shores and Narragansett Bay Watershed is located in southwestern Massachusetts and a small portion of eastern Rhode Island. The watershed drains into Mount Hope Bay, which is located at the mouth of the Taunton River, and five smaller rivers. Proceeding in a westerly direction from Mt. Hope Bay, the five rivers include the Lees, Cole, Kickamuit, Palmer and Runnins River, which generally flow in a southern direction through Rhode Island and empty into to Narragansett Bay.

   http://www.state.ma.us/envir/mwi/mthopenarragansett.htm

4. REMOTE SENSING OF NARRAGANSETT BAY

This is an investigation of the dynamics of Narragansett Bay using remote sensing technology in a manner that has not been possible with more traditional methods. Multispectral satellite imagery offers a truly synoptic view of various water properties over the entire estuary and can be used to understand the spatial and temporal interaction of both physical and biological characteristics of the bay. This project is unique in its direct application of high technology to immediate and local environmental concerns.

http://www.planetary.brown.edu/~mustard/apurva/

5. NARRAGANSETT BAY ESTUARINE PROGRAM

a) to prevent further degradation and incrementally improve water quality in developing coastal areas with deteriorating water quality;

b) to protect diminishing high quality resource areas throughout the Bay watershed;

c) to more effectively manage commercially, recreationally, and ecologically important estuarine-dependent living resources;

d) to rehabilitate degraded waters in the Bay watershed and restore water quality-dependent uses of Narragansett Bay;

e) to establish necessary interstate and interagency agreements and mechanisms to coordinate and oversee implementation of the

Narragansett Bay Comprehensive Conservation and Management Plan.

http://www.nbep.org/index.html

6. SATELLITE IMAGES OF MOUNT HOPE BAY/MASSACHUSETTS COAST

http://coast.mit.edu

7. NARRAGANSETT BAY DRAINAGE BASIN

http://ma.water.usgs.gov/basins/narrag.htm

8. FACTS ON 5 POWER STATIONS EMISSIONS:

Salem Harbor Power Plant

Mount Tom Power Plant

Brayton Point Power Plant

Canal Station Power Plant

Mystic Power Plant

http://www.pirg.org/masspirg/enviro/cleanair/plants.htm

9. ISSUES FACING NARRAGANSETT BAY

a) Narragansett Bay Habitat Restoration

b) Recent Restoration Activities

c) Narragansett Bay Restoration Projects:

d) Eelgrass

e) Salt Marshes

f) Fish Runs

g) Water Quality

h) Narragansett Bay Method

i) National Restoration Efforts

http://www.savebay.org/bayissues/

10. NARRAGANSETT BAY PROJECT

This project is part of a larger comprehensive study of Narragansett Bay being managed jointly by NMFS and RIDEM. The comprehensive study includes enhanced assessments of Narragansett Bay fish and fisheries, a survey of sediment pollution in Narragansett Bay, a study of Bay currents, and a network of fixed-site samplers recording a continuous record of hydrographic data.

http://www.na.nmfs.gov/nargbayproj.html

11. UNIVERSITY OF RHODE ISLAND SEDIMENT CHEMISTRY STUDY

View of the data table description page

http://www.state.ma.us/czm/University_of_Rhode_island.htm

12. MASSACHUSETTS RESOURCE IDENTIFICATION PROJECT (MRIP)

MRIP is a component of the EPA Region I. Resource Protection Project that specifically focuses on the identification and protection of Massachusetts' most important natural resources. It was designed to help agencies and organizations jointly target places for attention and make the most of their limited time and money. MRIP is a joint project of MassGIS and the U.S. Environmental Protection Agency (EPA).

http://www.state.ma.us/mgis/mrip.htm

13. MASSACHUSETTS SHORELINE CHANGE ANALYSIS INDEX

Applied Geographics, Inc. (AGI) performed a vector-based historic shoreline change analysis using Arc/Info vector coverages, AML, and C. Linear historic shoreline data as early as 1844 and as recent as 1982 were provided and an analysis was undertaken to define and execute a procedure for deriving the historic rate of shoreline change using a vector-based methodology. Programs written in C were modified to handle the complexities of the Massachusetts historic shoreline data.

http://www.appgeo.com/atlas/project_source/czmcc/methods/p350.htm

14. HISTORIC USGS MAPS OF NEW ENGLAND

http://docs.unh.edu/nhtopos/nhtopos.htm

15. STATE OF RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

This site will give you information on Parks, Coastal Resources, Fish and Wildlife, and Forest Environment. You will also find links to the Geo-Data Viewer, an exciting new tool for the delivery of interactive maps over the internet.

http://www.state.ri.us/dem/maps/index.htm

16. EMPACT PROJECT FOR NARRAGANSETT BAY / MOUNT HOPE BAY, PROVIDENCE, RHODE ISLAND / FALL RIVER, MASSACHUSETTS

Objective: This project will provide the public with timely information about water quality in the Narragansett Bay and its tributaries and the effects of natural and man-made influences on the Bay. Approach: The project will monitor water quality parameters and develop a web site to deliver data to the public in addition to using existing communications and outreach programs to disseminate the data through public displays, teacher training, and programs with community groups.

http://es.epa.gov/ncer_abstracts/grants/99/envmon/pavignano.html

17. THE LIVING BAY - TOPOGRAPHY AND GEOLOGY

Narragansett Bay: An individual's perspective

http://www.providenceri.com/NarragansettBay/the_living_bay.html

18. SAMPLING THE BAY OVER THE LONG TERM

This article emphasizes the importance of long-term fish trawl recording of marine life in Narragansett Bay.

http://www.gso.uri.edu/maritimes/Text_Only/00Winter/text/taylor.htm

19. COASTAL 2000 - COMPREHENSIVE MARINE MONITORING PROGRAM SAMPLING SCHEMATIC

This summer, as part of the U.S. Environmental Protection Agency's (EPA) Coastal 2000 Monitoring effort, Massachusetts began one of the most comprehensive assessments of its coastal waters and sediments ever undertaken. The following schematic shows the Coastal 2000 sampling sites. http://www.state.ma.us/czm/coastal2k.htm