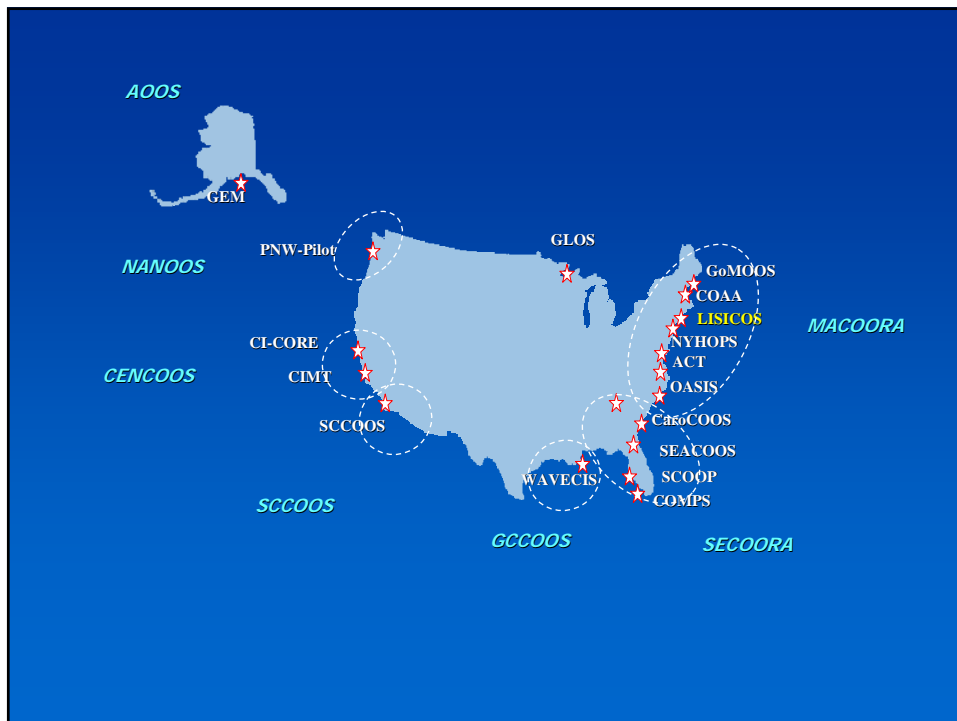
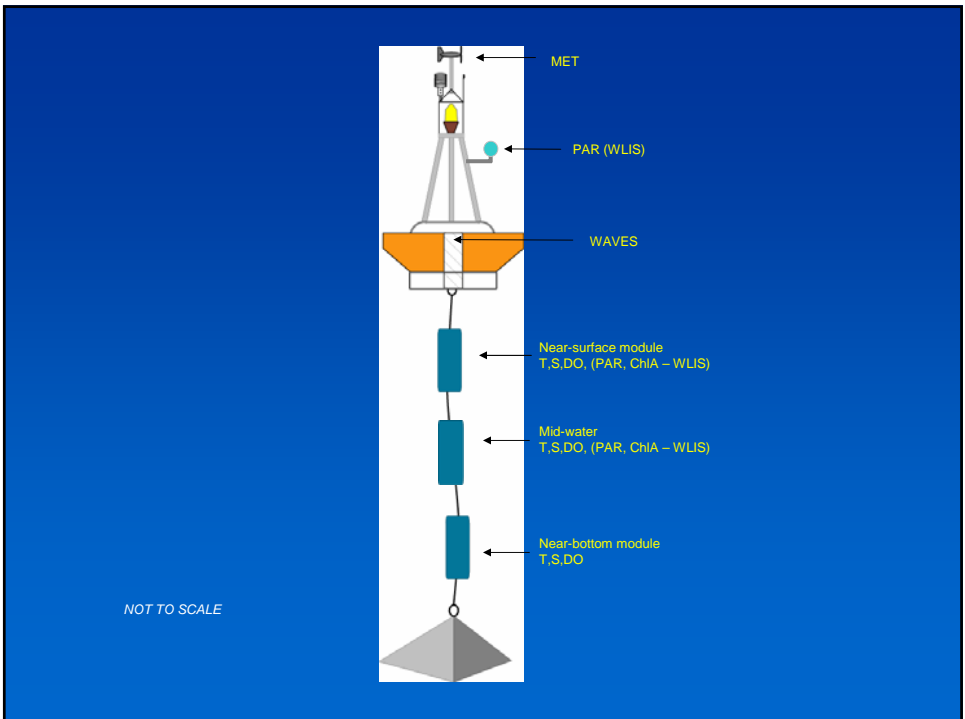
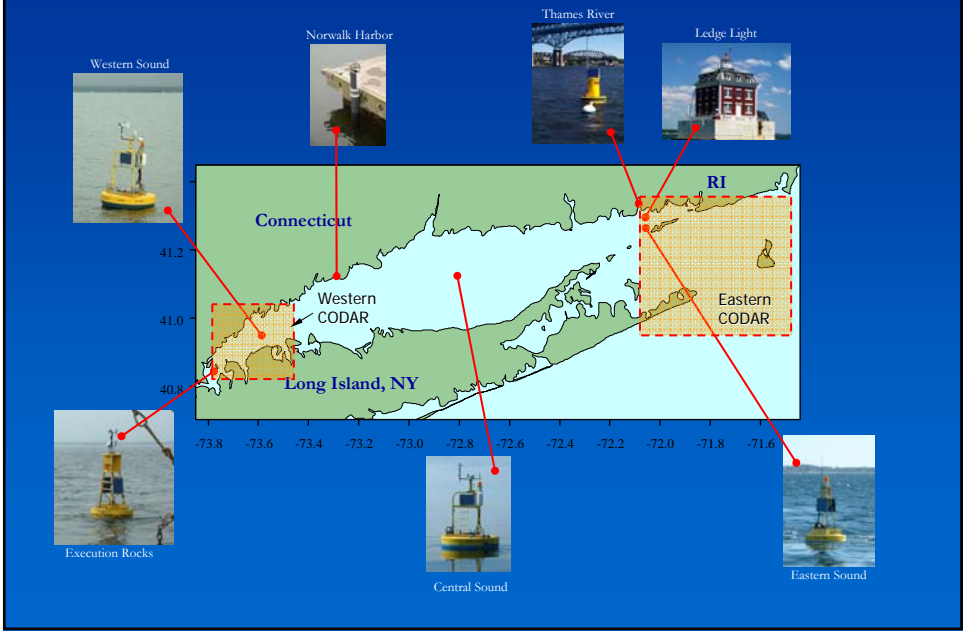


UCONN-NOAA  
Long Island Sound Integrated Coastal Observing System



Present observational status:





<http://lisicos.uconn.edu>

**Real-time Data**

(point measurement or 12 hour time history):

**Hydrography**

- temperature
- salinity
- dissolved oxygen
- fluorescence
- wave height/period

**Meteorology**

- air temperature
- wind speed
- wind direction
- barometric pressure
- humidity

**CODAR**

- surface current speed & direction

**Model Data:**

- water surface elevation

**Historical Data (ASCII, csv) :**

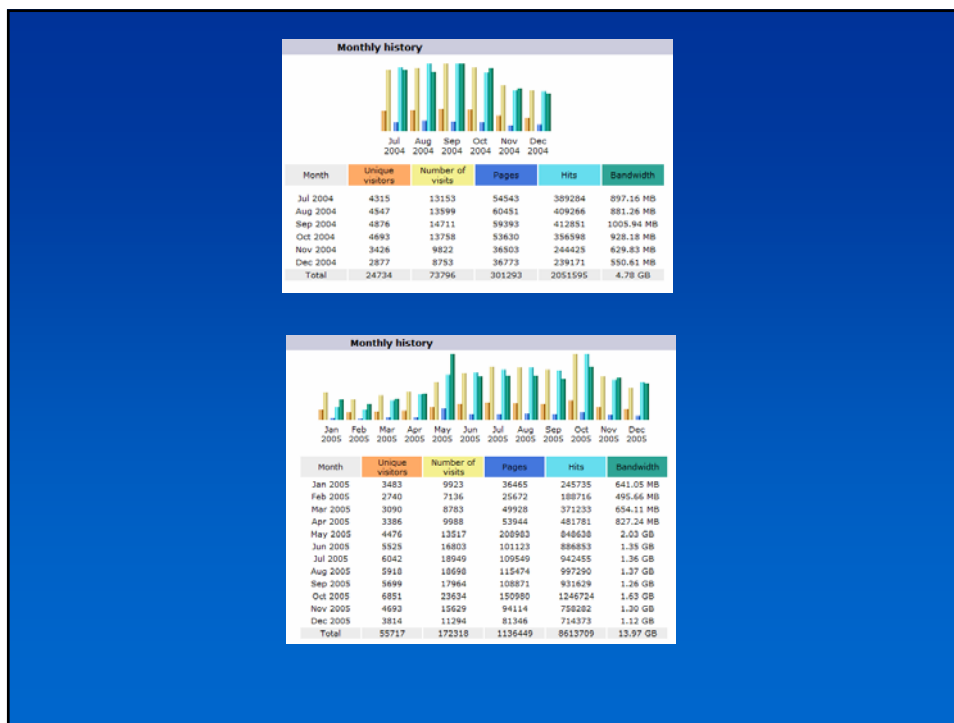
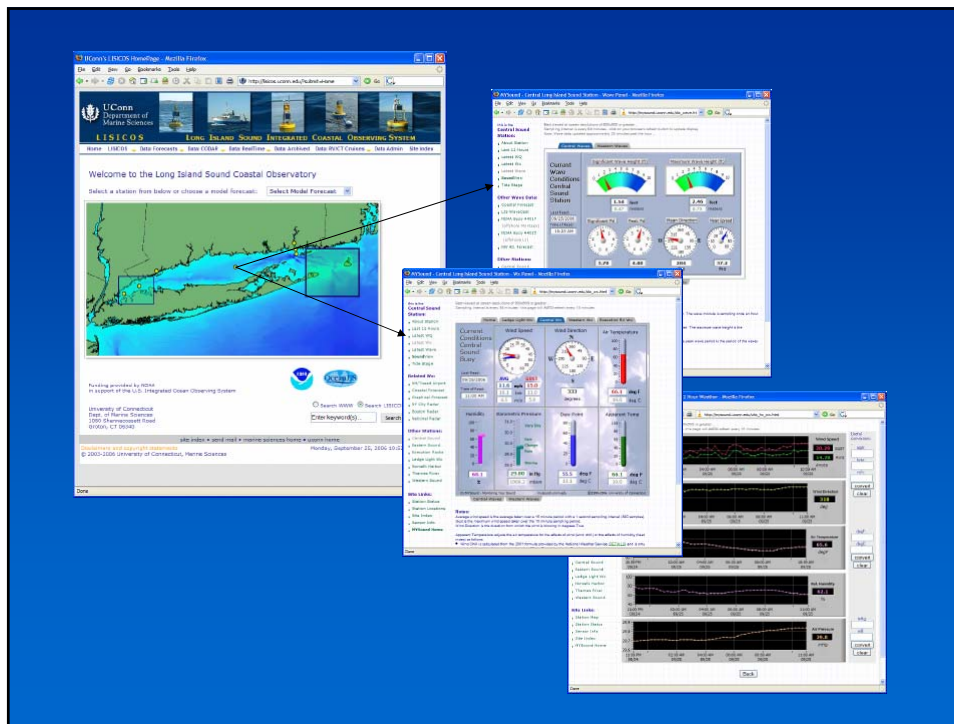
**Hydrography**

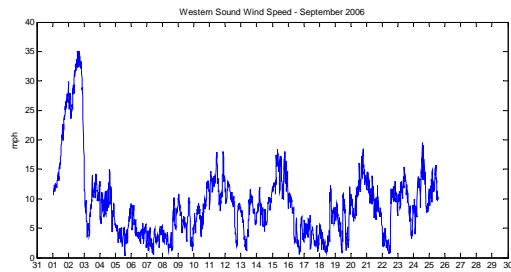
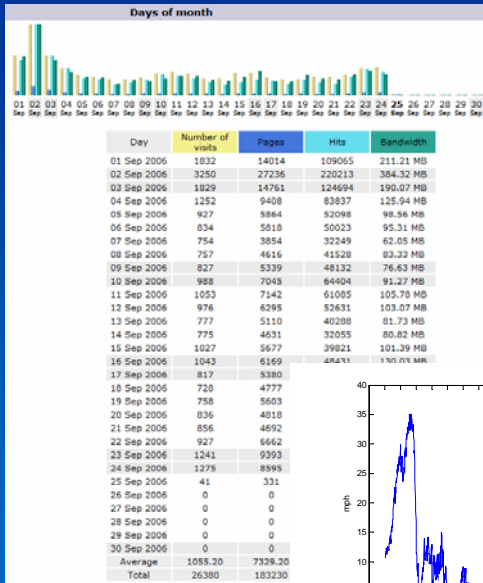
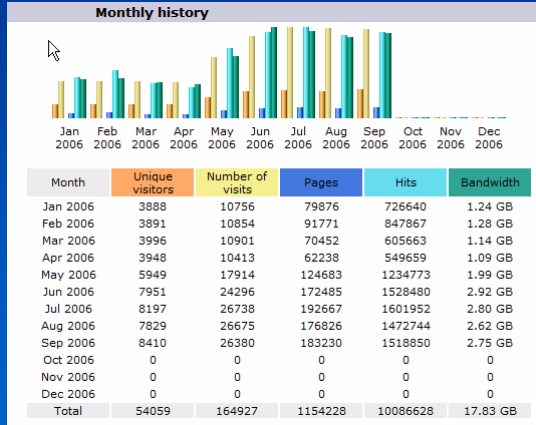
- temperature
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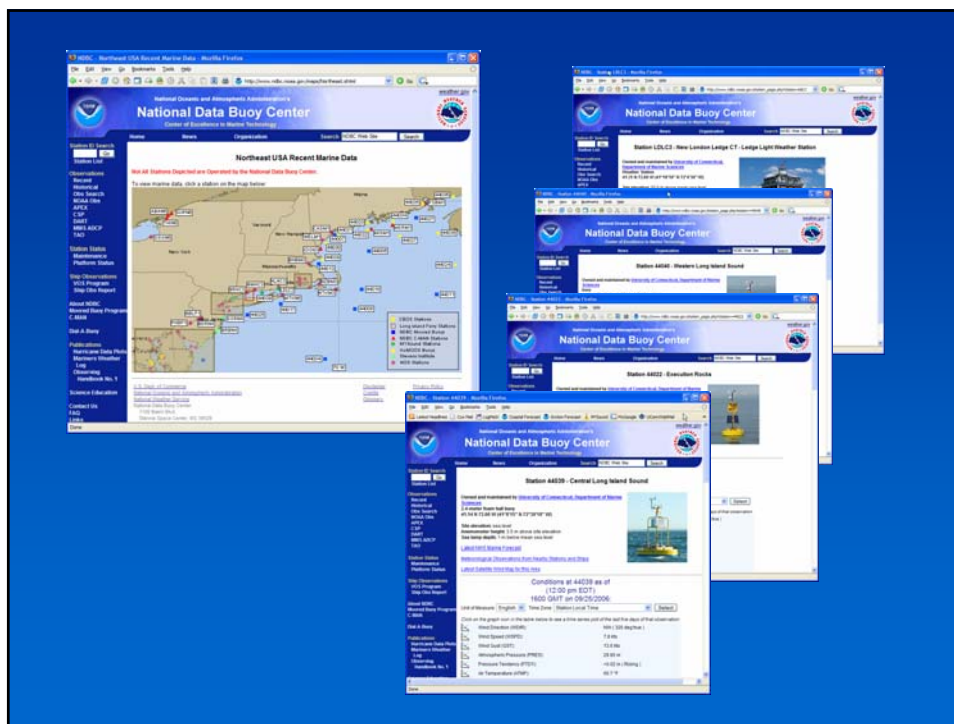
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- air temperature
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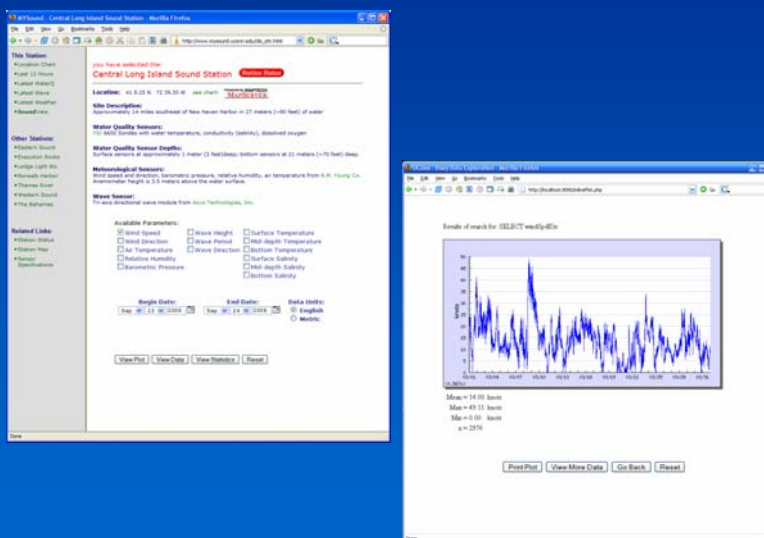








Database retrieval: In Test



## Observatory Activities

- Surface Current Prediction - USCG
- Understanding Hypoxia – EPA and CTDEP
- Real time data dissemination
- Comprehensive data center

And in the near future

- Flooding – Climate change – Invasions ???

## OBSERVATORY LESSONS

- Money for observations is motivated by problems and products
- Science research and understanding is a product – perhaps the biggest driver of infrastructure investment
- Generic monitoring/data acquisition is never going to be high priority for substantial investment
- Generic monitoring will never satisfy anyone's needs