

## Abstract

The Northeast Consortium was created in 1999 to encourage and fund effective, equal partnerships among commercial fishermen, scientists, and other stakeholders to engage in cooperative research and monitoring projects in the Gulf of Maine and Georges Bank. The Northeast Consortium administers funds from the National Oceanic and Atmospheric Administration for cooperative research on a broad range of topics including gear selectivity, fish biology, stock assessments, Oceanography/ecosystems monitoring, and socioeconomic/outreach studies. Funds are distributed through an annual open competition, which is announced via a Request for Proposals (RFP). All projects must involve a partnership between commercial fishermen and scientists.

A key aspect of the Northeast Consortium approach to data management is the sharing of all data collected by the many funded projects and their commercial fishermen and scientist participants via a web-based data and information distribution system (<http://www.northeastconsortium.org/data.shtml>). This sharing fosters the cooperative research approach, strengthens existing partnerships, and leads to higher data quality, which is essential if the data are to be effectively used in resource assessment and management. In addition, more and better kinds of analyses are possible when related data sets can be considered and analyzed together.

To accomplish the data sharing and outreach activities, the Northeast Consortium uses the JGOFS/GLOBEC data management system<sup>[1,2]</sup> developed to handle multi-disciplinary data sets in a unique way. The software is open source and is available to everyone. Data can be viewed via any standard browser, such as Internet Explorer, Mozilla, Safari, and Netscape and includes such features as data downloads, basic X-Y data plotting, data selection (e.g., show all the data where the water depth is less than 150 meters), and data projection (e.g., only show the latitude, longitude, depth, and sea surface temperature values.) Data contributors are encouraged to serve their data from their own computers (with software that enables them to become an integral part of the distributed data management system) so that the most up-to-date version is always available. If the data contributor is not able to do this, the data are served by the Northeast Consortium's data server located at Woods Hole Oceanographic Institution.



## Plotting and Other Operations Menu

Current object is: /globec.whoi.edu/globec/englobec/almtrack

- Listing and downloading data
  - List at this level
  - Other data links/controls
  - Make the format of all data at this level and further in
  - Download table
- Manipulating data
  - Math operations for calculating values from existing parameters
  - Data subsets having at least 1 parameter in common
- Plotting data
  - Simple XY plot
  - Mapview of data locations (JGOFS software)
  - Subsetting data

## Simple XY Plot

Current object is: /nec.whoi.edu/NEC/Stock\_Assessment/inshore\_catch

Select this link, if the form looks incomplete

Select an X variable (lat)

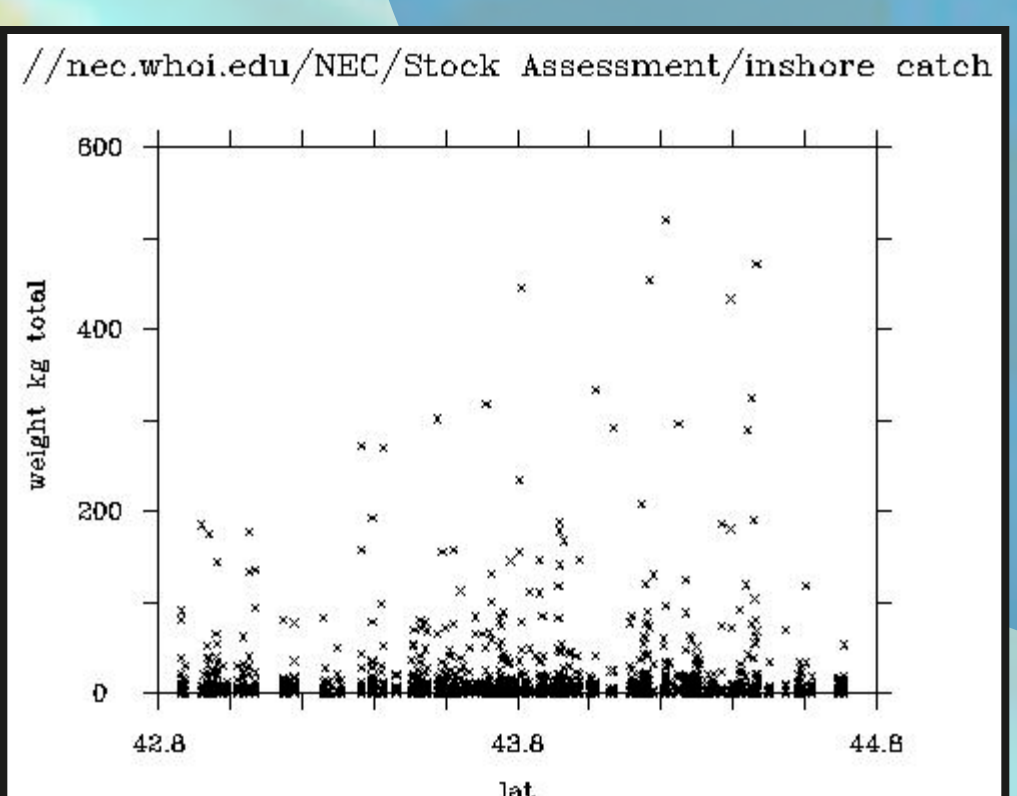
Select a reverse or log X axis (none)

Select a Y variable (weight\_kg\_total)

Select a reverse or log Y axis (none)

Select a symbol for plotting the values (x)

Make the Plot if the selected options are satisfactory.



## /NEC/Stock\_Assessment/inshore\_catch --year of 2004,season of Spring,region of 5,towid eg SP04\_98-- Level 4

Level 0	Level 1	Level 2	Level 3
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