

# CTD data from R/V Oceanus cruise OC333 to Georges Bank in November, 1998 as part of the U.S. GLOBEC Georges Bank project (GB project)

**Website:** <https://www.bco-dmo.org/dataset/2404>

**Data Type:** Cruise Results

**Version:** 1

**Version Date:** 2004-10-12

## Project

» [U.S. GLOBEC Georges Bank](#) (GB)

## Program

» [U.S. GLOBal ocean ECosystems dynamics](#) (U.S. GLOBEC)

Contributors	Affiliation	Role
<a href="#">Limeburner, Richard</a>	Woods Hole Oceanographic Institution (WHOI)	Principal Investigator
<a href="#">Allison, Dicky</a>	Woods Hole Oceanographic Institution (WHOI BCO-DMO)	BCO-DMO Data Manager

## Abstract

CTD data from R/V Oceanus cruise OC333 to Georges Bank in November, 1998 as part of the U.S. GLOBEC Georges Bank project

---

## Table of Contents

- [Coverage](#)
  - [Dataset Description](#)
    - [Methods & Sampling](#)
  - [Data Files](#)
  - [Parameters](#)
  - [Instruments](#)
  - [Deployments](#)
  - [Project Information](#)
  - [Program Information](#)
  - [Funding](#)
- 

## Coverage

**Spatial Extent:** N:42.323433 E:-65.642045 S:41.382337 W:-66.702758

**Temporal Extent:** 1998-11-16 - 1998-11-20

---

## Dataset Description

### CTD Data from Mooring Cruise Oceanus 333

**Contributor:** Richard Limeburner  
Woods Hole Oceanographic Institution  
[rlimeburner@whoi.edu](mailto:rlimeburner@whoi.edu)

*updated; October 12, 2004; G.Heimerdinger*

## Methods & Sampling

[ [table of contents](#) | [back to top](#) ]

---

## Data Files

File
<b>ctd_oc333.csv</b> (Comma Separated Values (.csv), 428.90 KB) MD5:f1e2942717f4438a7aeafe123af515a1
Primary data file for dataset ID 2404

[ [table of contents](#) | [back to top](#) ]

---

## Parameters

Parameter	Description	Units
cast	cast number	
lat	latitude, negative = south	decimal degress
lon	longitude, negative = west	decimal degress
depth_w	water depth	meters
day_gmt	day of month	GMT
month_gmt	month of year	GMT
year	year	GMT
time_gmt	time, in hours and minutes	GMT
press	pressure, depth of sample	decibars
temp	water temperature	degrees centigrade, ITS-90
sal	salinity	psu

[ [table of contents](#) | [back to top](#) ]

---

## Instruments

<b>Dataset-specific Instrument Name</b>	CTD Seabird 911
<b>Generic Instrument Name</b>	CTD Sea-Bird 911
<b>Dataset-specific Description</b>	CTD measurements taken by a SBE911 (SeaBird) CTD instrument package.
<b>Generic Instrument Description</b>	The Sea-Bird SBE 911 is a type of CTD instrument package. The SBE 911 includes the SBE 9 Underwater Unit and the SBE 11 Deck Unit (for real-time readout using conductive wire) for deployment from a vessel. The combination of the SBE 9 and SBE 11 is called a SBE 911. The SBE 9 uses Sea-Bird's standard modular temperature and conductivity sensors (SBE 3 and SBE 4). The SBE 9 CTD can be configured with auxiliary sensors to measure other parameters including dissolved oxygen, pH, turbidity, fluorescence, light (PAR), light transmission, etc.). More information from Sea-Bird Electronics.

[ [table of contents](#) | [back to top](#) ]

---

## Deployments

### OC333

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57457">https://www.bco-dmo.org/deployment/57457</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.whoi.edu/globec-dir/reports/oc333/crurptoc333.html">http://globec.whoi.edu/globec-dir/reports/oc333/crurptoc333.html</a>
<b>Start Date</b>	1998-11-15
<b>End Date</b>	1998-11-21
<b>Description</b>	long term mooring <b>Methods &amp; Sampling</b> CTD Data from Mooring Cruise Oceanus 333.

[ [table of contents](#) | [back to top](#) ]

---

## Project Information

### U.S. GLOBEC Georges Bank (GB)

**Website:** [http://globec.whoi.edu/globec\\_program.html](http://globec.whoi.edu/globec_program.html)

**Coverage:** Georges Bank, Gulf of Maine, Northwest Atlantic Ocean

The U.S. GLOBEC [Georges Bank](#) Program is a large multi-disciplinary multi-year oceanographic effort. The proximate goal is to understand the population dynamics of key species on the Bank - Cod, [Haddock](#), and two species of zooplankton ([Calanus finmarchicus](#) and [Pseudocalanus](#)) - in terms of their coupling to the physical environment and in terms of their [predators and prey](#). The ultimate goal is to be able to predict changes in the distribution and abundance of these species as a result of changes in their physical and biotic environment as well as to anticipate how their populations might respond to climate change.

The effort is substantial, requiring broad-scale surveys of the entire Bank, and process studies which focus both on the links between the target species and their physical environment, and the determination of

fundamental aspects of these species' life history (birth rates, growth rates, death rates, etc).

Equally important are the modelling efforts that are ongoing which seek to provide realistic predictions of the flow field and which utilize the life history information to produce an integrated view of the dynamics of the populations.

The U.S. GLOBEC Georges Bank [Executive Committee \(EXCO\)](#) provides program leadership and effective communication with the funding agencies.

[ [table of contents](#) | [back to top](#) ]

---

## Program Information

### U.S. GLOBAL ocean ECosystems dynamics (U.S. GLOBEC)

**Website:** <http://www.usglobec.org/>

**Coverage:** Global

U.S. GLOBEC (GLOBAL ocean ECosystems dynamics) is a research program organized by oceanographers and fisheries scientists to address the question of how global climate change may affect the abundance and production of animals in the sea.

The U.S. GLOBEC Program currently had major research efforts underway in the Georges Bank / Northwest Atlantic Region, and the Northeast Pacific (with components in the California Current and in the Coastal Gulf of Alaska). U.S. GLOBEC was a major contributor to International GLOBEC efforts in the Southern Ocean and Western Antarctic Peninsula (WAP).

[ [table of contents](#) | [back to top](#) ]

---

## Funding

Funding Source	Award
National Science Foundation (NSF)	<a href="#">unknown GB NSF</a>
National Oceanic and Atmospheric Administration (NOAA)	<a href="#">unknown GB NOAA</a>

[ [table of contents](#) | [back to top](#) ]