

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
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Abstract

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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

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updated; October 12, 2004; G.Heimerdinger

Acquisition Description

CTD Data from Mooring Cruise Oceanus 333.

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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

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Instruments

Dataset-specific Instrument Name	CTD Seabird 911
Generic Instrument Name	CTD Sea-Bird 911
Dataset-specific Description	CTD measurements taken by a SBE911 (SeaBird) CTD instrument package.
Generic Instrument Description	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.

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Deployments

OC333

Website	https://www.bco-dmo.org/deployment/57457
Platform	R/V Oceanus
Report	http://globec.who.edu/globec-dir/reports/oc333/crurptoc333.html
Start Date	1998-11-15
End Date	1998-11-21
Description	long term mooring Acquisition Description CTD Data from Mooring Cruise Oceanus 333.

Project Information

U.S. GLOBEC Georges Bank (GB)

Website: http://globec.who.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.

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).

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Funding

Funding Source	Award
National Science Foundation (NSF)	unknown GB NSF
National Oceanic and Atmospheric Administration (NOAA)	unknown GB NOAA

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