

Drifter movie data collected from the Southern Ocean, 2001 and 2003 (SOGLOBEC project)

Website: <https://www.bco-dmo.org/dataset/2364>

Version: 1

Version Date: 2011-05-09

Project

» [U.S. GLOBEC Southern Ocean](#) (SOGLOBEC)

Program

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

Contributors	Affiliation	Role
Limeburner, Richard	Woods Hole Oceanographic Institution (WHOI)	Principal Investigator
Copley, Nancy	Woods Hole Oceanographic Institution (WHOI BCO-DMO)	BCO-DMO Data Manager

Table of Contents

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

Coverage

Temporal Extent: 2001 - 2003

Dataset Description

PI: R.Limeburner

dataset: Drifter tracks

Parameter	Description	Units
-----------	-------------	-------

images Image name n/a movie Movie name n/a, fli format description Description of data n/a file_date Date of image file monthday

Note, for the "flc" animations you will need a movie player capable of reading *.fli/*.flc type movies. The [Autodesk Animation Player](#) is one such player.

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

Data Files

File
drifters.csv (Comma Separated Values (.csv), 453 bytes) MD5:a00ca0825e00bd4afe56d99e8a9a83e2
Primary data file for dataset ID 2364

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

Parameters

Parameter	Description	Units
images	Image name	
movie	Movie name	n/a, fli format
description	Description of data	
file_date	Date of image file	monthday

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

Instruments

Dataset-specific Instrument Name	Drifter Buoy
Generic Instrument Name	Drifter Buoy
Dataset-specific Description	Drifter buoy to include the Beardsley Drifter (BDFT)
Generic Instrument Description	Drifting buoys are free drifting platforms with a float or buoy that keep the drifter at the surface and underwater sails or socks that catch the current. These instruments sit at the surface of the ocean and are transported via near-surface ocean currents. They are not fixed to the ocean bottom, therefore they "drift" with the currents. For this reason, these instruments are referred to as drifters, or drifting buoys. The surface float contains sensors that measure different parameters, such as sea surface temperature, barometric pressure, salinity, wave height, etc. Data collected from these sensors are transmitted to satellites passing overhead, which are then relayed to land-based data centers. definition sources: https://mmisw.org/ont/ioos/platform/drifting_buoy and https://www.aoml.noaa.gov/phod/gdp/faq.php#drifter1

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

Project Information

U.S. GLOBEC Southern Ocean (SOGLOBEC)

Website: http://www.ccpo.odu.edu/Research/globec_menu.html

Coverage: Southern Ocean

The fundamental objectives of United States Global Ocean Ecosystems Dynamics (U.S. GLOBEC) Program are dependent upon the cooperation of scientists from several disciplines. Physicists, biologists, and chemists must make use of data collected during U.S. GLOBEC field programs to further our understanding of the interplay of physics, biology, and chemistry. Our objectives require quantitative analysis of interdisciplinary data sets and, therefore, data must be exchanged between researchers. To extract the full scientific value, data must be made available to the scientific community on a timely basis.

[[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
NSF Antarctic Sciences (NSF ANT)	unknown SOGLOBEC NSF ANT

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