

# Seabird Survey Effort Log from the RVIB Nathaniel B. Palmer NBP0103, NBP0104, NBP0202, NBP0204 from the Southern Ocean, 2001-2002 (SOGLOBEC project)

Website: <https://www.bco-dmo.org/dataset/2352>

Data Type: Cruise Results

Version: 1

Version Date: 2003-09-24

## Project

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

## Program

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

Contributors	Affiliation	Role
<a href="#">Ribic, Christine</a>	University of Wisconsin	Principal Investigator
<a href="#">Chapman, Erik</a>	Old Dominion University (ODU)	Co-Principal Investigator
<a href="#">Copley, Nancy</a>	Woods Hole Oceanographic Institution (WHOI BCO-DMO)	BCO-DMO Data Manager

## Abstract

Seabird survey effort log from the RVIB Nathaniel B. Palmer NBP0103, NBP0104, NBP0202, NBP0204 from the Southern Ocean, 2001-2002, Southern Ocean GLOBEC project. These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.

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## Coverage

**Spatial Extent: N:-65.5977 E:-67.2427 S:-69.5684 W:-77.4509**

**Temporal Extent: 2001-04-29 - 2002-09-09**

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## Dataset Description

## Seabird Survey Effort Log

These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.

### PI NOTES:

1. Ice\_Cover\_Type is based on the ASPeCt (Antarctic Sea-Ice Process and Climate) classification system for sea ice and brash. Glacial ice listed as *bergs* or *bergy bits*.
2. Time and Date can be used in conjunction with [alongtrack](#) data to find position information.

### Visibility

Code	Description
1	>600 m
2	600 m
3	>300 m
4	300 m
5	<300 m

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*Updated November 21, 2005; gfh*

## Acquisition Description

These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.

## Processing Description

```
# Effort Log as part of the Bird Studies
# Chris Ribic and Erik Chapman, SIs
#   Notes: N = Night; D = Day;
#     StartCode: 0=Start; 1=End; 0.5=change in conditions
#     Visibility Code = see documentation
#     Precipitation: 0=none; 1=fog; 2=rain; 3=snow, including sleet or hail
#     Cloud cover = eighths
#     Ice Concentration = tenths
#     Primary Ice cover = see documentation
```

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## Parameters

Parameter	Description	Units
cruiseid	cruise identification	
year	year GMT	
yrday_gmt	year day (1-365)	whole day
time_gmt	time of day, gmt	HHmm.m
startcode	status of observations, 1=start, 2=end, 0.5=change in weather conditions	
visib	visibility as a code, see table below	
time_of_day	reference to day or night observations; D=day, N=night	
precip_type	precipitation type as a code; 0=none, 1=fog, 2=rain, 3=snow (includes sleet and hail)	
cloud_cover	area of sky covered by clouds, reported in eights	1/8ths
ice_conc	area of sea surface covered by ice, reported in tenths	1/10ths
ice_cover_type	primary type of ice covering sea surface, per ASPeCt ice classification system	
date_gmt	Observation date in UTC formatted as mondd_yyyy	unitless
lat	latitude; north is positive	decimal degrees
lon	longitude; east is positive	decimal degrees
comments	comments	unitless

## Deployments

### NBP0103

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57636">https://www.bco-dmo.org/deployment/57636</a>
<b>Platform</b>	RVIB Nathaniel B. Palmer
<b>Report</b>	<a href="http://globec.who.edu/so-dir/reports/nbp0103/nbp0103.html">http://globec.who.edu/so-dir/reports/nbp0103/nbp0103.html</a>
<b>Start Date</b>	2001-04-24
<b>End Date</b>	2001-06-05
<b>Description</b>	<p><b>Acquisition Description</b> These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.</p> <p><b>Processing Description</b> # Effort Log as part of the Bird Studies # Chris Ribic and Erik Chapman, SIs # Notes: N = Night; D = Day; # StartCode: 0=Start; 1=End; 0.5=change in conditions # Visibility Code = see documentation # Precipitation: 0=none; 1=fog; 2=rain; 3=snow, including sleet or hail # Cloud cover = eighths # Ice Concentration = tenths # Primary Ice cover = see documentation</p>

### NBP0104

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57638">https://www.bco-dmo.org/deployment/57638</a>
<b>Platform</b>	RVIB Nathaniel B. Palmer
<b>Report</b>	<a href="http://www.ccpo.odu.edu/Research/globec/cruises01/nbp0104_menu.html">http://www.ccpo.odu.edu/Research/globec/cruises01/nbp0104_menu.html</a>
<b>Start Date</b>	2001-07-22
<b>End Date</b>	2001-08-31
<b>Description</b>	<p><b>Acquisition Description</b>  These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.</p> <p><b>Processing Description</b>  # Effort Log as part of the Bird Studies # Chris Ribic and Erik Chapman, SIs #  Notes: N = Night; D = Day; # StartCode: 0=Start; 1=End; 0.5=change in  conditions # Visibility Code = see documentation # Precipitation: 0=none;  1=fog; 2=rain; 3=snow, including sleet or hail # Cloud cover = eighths # Ice  Concentration = tenths # Primary Ice cover = see documentation</p>

## NBP0202

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57641">https://www.bco-dmo.org/deployment/57641</a>
<b>Platform</b>	RVIB Nathaniel B. Palmer
<b>Report</b>	<a href="http://globec.whoi.edu/so-dir/reports/nbp0202/nbp0202b.html">http://globec.whoi.edu/so-dir/reports/nbp0202/nbp0202b.html</a>
<b>Start Date</b>	2002-04-09
<b>End Date</b>	2002-05-21
<b>Description</b>	<p><b>Acquisition Description</b>  These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.</p> <p><b>Processing Description</b>  # Effort Log as part of the Bird Studies # Chris Ribic and Erik Chapman, SIs #  Notes: N = Night; D = Day; # StartCode: 0=Start; 1=End; 0.5=change in  conditions # Visibility Code = see documentation # Precipitation: 0=none;  1=fog; 2=rain; 3=snow, including sleet or hail # Cloud cover = eighths # Ice  Concentration = tenths # Primary Ice cover = see documentation</p>

## NBP0204

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57643">https://www.bco-dmo.org/deployment/57643</a>
<b>Platform</b>	RVIB Nathaniel B. Palmer
<b>Report</b>	<a href="http://globec.who.edu/so-dir/reports/nbp0204/nbp0204b.html">http://globec.who.edu/so-dir/reports/nbp0204/nbp0204b.html</a>
<b>Start Date</b>	2002-07-31
<b>End Date</b>	2002-09-18
<b>Description</b>	<p><b>Acquisition Description</b></p> <p>These data are the logistics surrounding the Bird Studies Observations, rather than the observations themselves.</p> <p><b>Processing Description</b></p> <p># Effort Log as part of the Bird Studies # Chris Ribic and Erik Chapman, SIs # Notes: N = Night; D = Day; # StartCode: 0=Start; 1=End; 0.5=change in conditions # Visibility Code = see documentation # Precipitation: 0=none; 1=fog; 2=rain; 3=snow, including sleet or hail # Cloud cover = eighths # Ice Concentration = tenths # Primary Ice cover = see documentation</p>

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## Project Information

## **U.S. GLOBEC Southern Ocean (SOGLOBEC)**

**Website:** [http://www.ccpo.odu.edu/Research/globec\\_menu.html](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.

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## **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
<a href="#">NSF Antarctic Sciences (NSF ANT)</a>	<a href="#">ANT-9910096</a>

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