

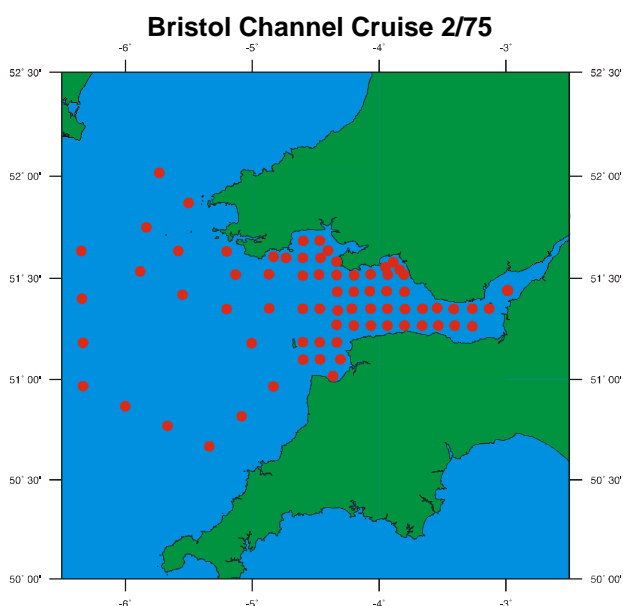
# The PML Bristol Channel Project Data Set CD-ROM



The NERC Institute for Marine Environmental Research (IMER) undertook a study of the Bristol Channel and Severn Estuary during the 1970s and early 1980s. The project involved an extensive amount of fieldwork, with over 100 cruises, many with more than 50 stations. The most intensive sampling took place before 1975. The data includes measurements such as temperature, salinity, chlorophyll, dissolved organic carbon, suspended matter, nutrients and plankton. Also incorporated in the database are data from the Celtic Sea, Plymouth Sound, Mulex Experiment cruises and Lightships. The original data were collated and stored at IMER (which became Plymouth Marine Laboratory in 1988). The data set was selected for long-term archival at the BODC as part of the NERC SEEDCORN programme.

## The Bristol Channel Database

The relational database is presented on the CD-ROM in three variants of Microsoft JET format together with an ASCII 'kit form' database designed to be compatible with any database management system.



## Bristol Channel Database Contents

>14800	Station Profiles
>34900	Water Samples (34 Parameters Measured)
>1800	Net Hauls (>400 Parameters Measured)
>2000	Secchi Disk Depths
70	Production Experiments

A Windows application program, the Database Explorer, has been developed that allows the data to be retrieved through a powerful and flexible search engine. The data are also accessible through a Microsoft Access (version 7.0 or later) forms interface.

The ASCII 'kit-form' database comprises one file per database table. All fields, including internal keys, are supplied to allow the database to be recreated with ease under any database system.

The database is supported by documentation in a soft manual in Adobe Acrobat PDF format. This includes descriptions of the data collection protocols, a description of the database structure and contents and instructions on the use of the BODC interface software.

## Acknowledgements

The Bristol Channel 'data-rescue' project was funded by the Natural Environment Research Council (NERC) SEEDCORN programme.

To obtain further information contact:



British Oceanographic Data Centre,  
Joseph Proudman Building,  
6 Brownlow Street,  
Liverpool L3 5DA, UK.

E-mail: [enquiries@bodc.ac.uk](mailto:enquiries@bodc.ac.uk)  
WWW: <http://www.bodc.ac.uk>