

Phytoplankton pigment concentration data series for cruise Mitra MT0499

Principal Investigator and Data Originator

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Content of data series

Parameter	Unit	Parameter code	Number of samples	Number of stations	Comments
Chlorophyll a	$\mu\text{g l}^{-1}$	CPHLHPP1	50	32 CTD	none

CTD= CTD-Rosette water column sampling station.

Originators' protocol

Water samples were collected mainly from the near surface at most stations and also from 2 to 5 additional depths in the water column at 9 CTD stations using the CTD-rosette water sampler. 100 ml samples were filtered onto 25 mm GF/F filters and extracted into 8 ml of 90% acetone. Extracts were then analysed by isocratic HPLC analysis. The value was taken as the mean of triplicate analyses.

BODC processing

The data were loaded into a database under the ORACLE Relational Database Management System without modification.

Comments on data quality

None to report.

Additional information

Chlorophyll concentrations were also measured on water samples collected with an Interfacial Sampler. Further information is available from the data documentation [mt0499ifs](#).