

OL.SSS_AE - Thermosalinographs

General information

Dataset name: OL.SSS_AE - Thermosalinographs
Created on: 2006-03-20

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2000-03-06
Date end (yyyy-mm-jj): 2009-12-31

Project(s)

AMMA > AMMA-LOP

Data description

Abstract

Documentation and analysis of the climatic variability in the Tropical Atlantic.

Observing strategy

Research and selected voluntary merchant ships equipped with thermosalinographs, maintenance of the equipments, sensor calibration. This equipment measures continuously the salinity and temperature of the sea surface. Regular sea surface water sampling for salinity analysis (in laboratory), for the control of possible sensor drift. Real time data transmission for sensor control and operational oceanography needs (assimilation in MERCATOR operational model).

Instrument information

Sensor

Instrument type: THERMOSALINOGRAPHS
Manufacturer: Sea-Bird Electronics
Model: thermosalinograph

Geographic information

Tropical Atlantic

Location name:	Tropical Atlantic
Platform type:	SHIPS
West bounding coordinate (°):	-70
East bounding coordinate (°):	16.0777
North bounding coordinate (°):	30
South bounding coordinate (°):	-30

Measured parameters

Salinity

Parameter name:	Salinity
Parameter keyword:	Oceans > Salinity/Density > Salinity
Unit:	Practical Salinity Unit - P.S.U.
Date begin (yyyy-mm-jj):	2000-03-06
Date end (yyyy-mm-jj):	2009-12-31

Sea Surface Temperature

Parameter name:	Sea Surface Temperature
Parameter keyword:	Oceans > Ocean Temperature > Sea Surface Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2000-03-06
Date end (yyyy-mm-jj):	2009-12-31

Data use information

Use constraints:	AMMA data policy
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