

OE.XBT_GG - Temperature profiles, Gulf of Guinea

General information

Dataset name: OE.XBT_GG - Temperature profiles, Gulf of Guinea
Created on: 2006-01-09

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2005-06-08
Date end (yyyy-mm-jj): 2006-07-05

Project(s)

AMMA > AMMA-EOP

Data description

Abstract

To document of the hydrological structure in the upper layers of the ocean in the Equatorial Atlantic and more especially in the Gulf of Guinea. To survey the oceanic mixed layer and sea surface temperature. To transmit measurements in real time (CORIOLIS) and also for quasi-real time assimilation in the numerical models for previsions (MERCATOR).

Observing strategy

According to availabilities. Every possible platform is solicited (oceanographic cruises, research or merchant vessels transits).

Instrument information

Sensor

Instrument type: XBT > Expendable Bathythermographs
Manufacturer: LOCKHEED MARTIN SIPPICAN
Model: Deep Blue

Geographic information

Gulf of Guinea

Location name:	Gulf of Guinea
Platform type:	SHIPS
West bounding coordinate (°):	-10.007
East bounding coordinate (°):	9.7173
North bounding coordinate (°):	6.0016
South bounding coordinate (°):	-9.9918
Altitude min:	-1100.09

Measured parameters

Water Temperature

Parameter name:	Water Temperature
Parameter keyword:	Terrestrial Hydrosphere > Water Quality/Water Chemistry > Water Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2005-06-08
Date end (yyyy-mm-jj):	2006-07-05

Salinity

Parameter name:	Salinity
Parameter keyword:	Oceans > Salinity/Density > Salinity
Unit:	Practical Salinity Unit - P.S.U.
Date begin (yyyy-mm-jj):	2005-06-08
Date end (yyyy-mm-jj):	2006-07-05

Density

Parameter name:	Density
Parameter keyword:	Oceans > Salinity/Density > Density
Unit:	kilogramms per cubic meter - kg/m3
Date begin (yyyy-mm-jj):	2005-06-08
Date end (yyyy-mm-jj):	2006-07-05

Conductivity

Parameter name:	Conductivity
Parameter keyword:	Terrestrial Hydrosphere > Water Quality/Water Chemistry > Conductivity
Unit:	Siemens per meter - S/m
Date begin (yyyy-mm-jj):	2005-06-08
Date end (yyyy-mm-jj):	2006-07-05

Data use information

Use constraints: AMMA data policy
Data policy: AMMA data policy