

OS.RS_Sag - Radiosondes, EGEE cruises, Gulf of Guinea

General information

Dataset name: OS.RS_Sag - Radiosondes, EGEE cruises, Gulf of Guinea
Created on: 2006-01-10

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Measurement of the thermodynamic structure of the atmosphere and boundary layers of the Gulf of Guinea from the ship involved in the EGEE cruises . The data is sent in real time to the GTS for assimilation into the numerical weather prediction models. The data will also be used to complete the land measurements carried out during AMMA (SOPB and SOPD) for the analysis of the atmospheric circulation.

Observing strategy

Measurements of the atmospheric structure to be carried out at 00hrGMT and 12hrGMT along the ship trajectory.

Instrument information

Sensor

Instrument type: RADIOSONDES

Geographic information

L'ATALANTE

Location name:	L'ATALANTE
Platform type:	SHIPS
West bounding coordinate (°):	-10.26
East bounding coordinate (°):	10.98
North bounding coordinate (°):	30.9
South bounding coordinate (°):	-10.09
Altitude min:	18
Altitude max:	28642

Measured parameters

Dew Point Temperature

Parameter name:	Dew Point Temperature
Parameter keyword:	Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Dew Point Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-05-12
Date end (yyyy-mm-jj):	2006-07-05

Air Pressure

Parameter name:	Air Pressure
Parameter keyword:	Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements
Unit:	millibars - mbar
Date begin (yyyy-mm-jj):	2006-05-12
Date end (yyyy-mm-jj):	2006-07-05

Air Temperature

Parameter name:	Air Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-05-12
Date end (yyyy-mm-jj):	2006-07-05

Wind Direction

Parameter name: Wind Direction
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction
Unit: degrees - degrees
Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

Wind Speed

Parameter name: Wind Speed
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed
Unit: meters per second - m/s
Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

V Wind component

Parameter name: V Wind component
Parameter keyword: Atmosphere > Atmospheric Winds
Unit: meters per second - m/s
Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

U Wind component

Parameter name: U Wind component
Parameter keyword: Atmosphere > Atmospheric Winds
Unit: meters per second - m/s
Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

Mixing Ratio

Parameter name: Mixing Ratio
Parameter keyword: Atmosphere > Atmospheric Water Vapor
Unit: grams per kilogram - g/kg
Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

Humidity

Parameter name: Humidity
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity
Unit: percent - %
Date begin (yyyy-mm-jj): 2006-05-12
Date end (yyyy-mm-jj): 2006-07-05

Data use information

Use constraints:	AMMA data policy
Data policy:	AMMA data policy
Database:	AMMA database