

OS.RS_Meteor - Radiosondes, Meteor vessel, Tropical Atlantic Ocean

General information

Dataset name: OS.RS_Meteor - Radiosondes, Meteor vessel, Tropical Atlantic Ocean
Created on: 2006-10-31

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2006-04-29
Date end (yyyy-mm-jj): 2006-07-09

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Measurement of the thermodynamic structure of the atmosphere and boundary layers of the tropical Atlantic from the METEOR ship. Low resolution profiles are sent in real time to the GTS for assimilation into the numerical weather prediction models. Here the 2s resolution profiles are archived.

Observing strategy

Measurements of the atmospheric structure to be carried out along the ship trajectory. High resolution profiles.

Instrument information

Sensor

Instrument type: RADIOSONDES

Geographic information

METEOR

Location name: METEOR
Platform type: SHIPS
West bounding coordinate (°): -52

East bounding coordinate (°): -9
North bounding coordinate (°): 17
South bounding coordinate (°): -9

Measured parameters

Wind Speed

Parameter name: Wind Speed
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed
Unit: meters per second - m/s
Date begin (yyyy-mm-jj): 2006-04-29
Date end (yyyy-mm-jj): 2006-07-09

Air Temperature

Parameter name: Air Temperature
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature
Unit: Degrees Celsius - °C
Date begin (yyyy-mm-jj): 2006-04-29
Date end (yyyy-mm-jj): 2006-07-09

Wind Direction

Parameter name: Wind Direction
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction
Unit: degrees - degrees
Date begin (yyyy-mm-jj): 2006-04-29
Date end (yyyy-mm-jj): 2006-07-09

Air Pressure

Parameter name: Air Pressure
Parameter keyword: Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements
Unit: millibars - mbar
Date begin (yyyy-mm-jj): 2006-04-29
Date end (yyyy-mm-jj): 2006-07-09

Humidity

Parameter name: Humidity
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity
Unit: percent - %
Date begin (yyyy-mm-jj): 2006-04-29
Date end (yyyy-mm-jj): 2006-07-09

Data use information

Use constraints:

AMMA data policy