

OS.M-AERI_ATL - Sea surface skin temperature, Tropical Atlantic Ocean

General information

Dataset name: OS.M-AERI_ATL - Sea surface skin temperature, Tropical Atlantic Ocean
Created on: 2008-01-25

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2006-05-27
Date end (yyyy-mm-jj): 2006-07-14

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

The M-AERI measured radiometric air and sea surface skin temperatures on oceanographic campaigns for validation of satellite SSTs, such as from MODIS and AMSR-E. The time series of air-sea temperatures will also be used in the calculation of fluxes.

Observing strategy

Measurements were collected every ~ 10 minutes, 24 hours a day, except in instances of rain when the instrument was covered.

Instrument information

Sensor

Instrument type: Interferometers
Manufacturer: SSEC
Model: M-AERI

Geographic information

RONALD H. BROWN

Location name:	RONALD H. BROWN
Platform type:	SHIPS
West bounding coordinate (°):	-72.96
East bounding coordinate (°):	-22.42
North bounding coordinate (°):	32.156
South bounding coordinate (°):	-6.69

Measured parameters

Skin Sea Surface Temperature

Parameter name:	Skin Sea Surface Temperature
Parameter keyword:	Oceans > Ocean Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-05-27
Date end (yyyy-mm-jj):	2006-07-14

Air Temperature

Parameter name:	Air Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-05-27
Date end (yyyy-mm-jj):	2006-07-14

Data use information

Use constraints:	AMMA data policy. Please contact Dr. Peter Minnett for updates to the data and for discussion of any usage or publication of these data.
Data policy:	AMMA data policy