OS.M-AERI_GG - Sea surface skin temperature, Gulf of Guinea

General information

Dataset name:	OS.M-AERI_GG - Sea surface skin temperature, Gulf of Guinea
Created on:	2007-09-03

Contact(s)

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Period

Date begin (yyyy-mm-jj):	2006-05-26
Date end (yyyy-mm-jj):	2006-07-04

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

The M-AERI was deployed on the N/O L'Atalante and R/V Atalante, so that it had a clear view overhead and of the sea surface below, preferably ahead of the bow wake. 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

L'ATALANTE

Location name:	L'ATALANTE
Plateform type:	SHIPS
West bounding coordinate (°):	-10.0344
East bounding coordinate (°):	11.1977
North bounding coordinate (°):	6.3422
South bounding coordinate (°):	-10.0328

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):	2006-05-26
Date end (yyyy-mm-jj):	2006-07-04

Air Temperature

Parameter name:	Air Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-05-26
Date end (yyyy-mm-jj):	2006-07-04

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
Database:	AMMA database
Original data format(s):	ascii text