

AS.RS_Praia - Radiosondes during sop3, Praia, Cape Verde

General information

Dataset name: AS.RS_Praia - Radiosondes during sop3, Praia, Cape Verde
Created on: 2007-08-09

Contact(s)

Schmidlin Francis J. - NASA/GFSC/Wallops - Francis.J.Schmidlin@nasa.gov (PI or Lead scientist)

Period

Date begin (yyyy-mm-jj): 2006-08-18
Date end (yyyy-mm-jj): 2006-09-14

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Increasing the RS observations in accordance with the SOP3 observation period objectives, Aug-Sept 2006.

Observing strategy

Six radiosondes per day, every 4 hours.

Instrument information

Sensor

Instrument type: RADIOSONDES

Geographic information

Praia, old airport terminal

Location name: Praia, old airport terminal
Platform type: GROUND STATIONS

Measured parameters

Air Temperature

Parameter name:	Air Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-08-18
Date end (yyyy-mm-jj):	2006-09-14

Relative humidity

Parameter name:	Relative humidity
Parameter keyword:	Atmosphere > Atmospheric Water Vapor
Unit:	percent - %
Date begin (yyyy-mm-jj):	2006-08-18
Date end (yyyy-mm-jj):	2006-09-14

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):	2006-08-18
Date end (yyyy-mm-jj):	2006-09-14

U Wind component

Parameter name:	U Wind component
Parameter keyword:	Atmosphere > Atmospheric Winds
Unit:	meter per second - m/s
Date begin (yyyy-mm-jj):	2006-08-18
Date end (yyyy-mm-jj):	2006-09-14

V Wind component

Parameter name:	V Wind component
Parameter keyword:	Atmosphere > Atmospheric Winds
Unit:	meter per second - m/s
Date begin (yyyy-mm-jj):	2006-08-18
Date end (yyyy-mm-jj):	2006-09-14

Air Pressure

Parameter name:	Air Pressure
Parameter keyword:	Atmosphere > Atmospheric Pressure
Unit:	hecto Pascal - hPa

Date begin (yyyy-mm-jj): 2006-08-18
Date end (yyyy-mm-jj): 2006-09-14

Height

Parameter name: Height
Unit: meter - m
Date begin (yyyy-mm-jj): 2006-08-18
Date end (yyyy-mm-jj): 2006-09-14

Wind Direction

Parameter name: Wind Direction
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction
Unit: degrees - degrees
Date begin (yyyy-mm-jj): 2006-08-18
Date end (yyyy-mm-jj): 2006-09-14

Wind Speed

Parameter name: Wind Speed
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed
Unit: meters per second - m/s
Date begin (yyyy-mm-jj): 2006-08-18
Date end (yyyy-mm-jj): 2006-09-14

Data use information

Use constraints: AMMA data policy
Data policy: AMMA data policy
Database: ARM Archive