

AS.RS_Kawsara - Radiosondes during sop3, Kawsara, Senegal

General information

Dataset name: AS.RS_Kawsara - Radiosondes during sop3, Kawsara, Senegal
Created on: 2007-08-24

Contact(s)

Delonge Marcia - GET - msd8y@virginia.edu (PI or Lead scientist)

Period

Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

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

Many RS par day.

Instrument information

Sensor

Instrument type: RADIOSONDES

Geographic information

Kawsara

Location name: Kawsara
Platform type: GROUND STATIONS

Measured parameters

Wind Speed

Parameter name: Wind Speed
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed
Unit: meter per second - m/s
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Relative humidity

Parameter name: Relative humidity
Parameter keyword: Atmosphere > Atmospheric Water Vapor
Unit: percent - %
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Height

Parameter name: Height
Unit: meter - m
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Wind Direction

Parameter name: Wind Direction
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction
Unit: degrees - degrees
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Virtual Potential Temperature

Parameter name: Virtual Potential Temperature
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Dew Point Temperature
Unit: Kelvin - K
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Equivalent Potential Temperature

Parameter name: Equivalent Potential Temperature
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Potential Temperature
Unit: Kelvin - K

Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Specific humidity

Parameter name: Specific humidity
Parameter keyword: Atmosphere > Atmospheric Water Vapor
Unit: grams per kilogram - g/kg
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Dew Point Temperature

Parameter name: Dew Point Temperature
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Dew Point Temperature
Unit: Kelvin - K
Date begin (yyyy-mm-jj): 2006-08-19
Date end (yyyy-mm-jj): 2006-09-16

Data use information

Use constraints: AMMA data policy
Data policy: AMMA data policy
Database: NAMMA database
Original data format(s): ascii text