AS.Aero_MBour - Aerosol measurements, M'Bour, Senegal

General information

Dataset name:	AS.Aero_MBour - Aerosol measurements, M'Bour, Senegal
Created on:	2006-01-13

Contact(s)

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Period

Date begin (yyyy-mm-jj):	2006-01-18
Date end (yyyy-mm-jj):	2006-02-19

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

To determine the optical properties of aerosols and their direct radiative impact, their chemical composition in relation to their optical and geochemical properties. To determine the chemical composition of single particles and/or aggregates, to establish the state of mixing (internal/external) of aerosols.

Observing strategy

Continuous or semi-continuous observations with augmentation of the temporal resolution during aerosol (dust and/or biomass burning) events during SOP A (dry season)

Instrument information

Sensor

Instrument type:	PYRANOMETERS
Manufacturer:	Kipp & Zonen

Sensor location

Longitude (°):	-16
Latitude (°):	14

Geographic information

M'BOUR

Location name:	M'BOUR
Plateform type:	GROUND STATIONS
West bounding coordinate (°):	-16.959
East bounding coordinate (°):	-16.959
North bounding coordinate (°):	14.394
South bounding coordinate (°):	14.394
Altitude min:	10
Altitude max:	20985.8

Measured parameter

Direct Solar Radiation

Parameter name:	Direct Solar Radiation
Parameter keyword:	Atmosphere > Atmospheric Radiation
Unit:	Watt per square meter - W.m-2
Date begin (yyyy-mm-jj):	2006-01-18
Date end (yyyy-mm-jj):	2006-02-19

Data use information

Use constraints:	AMMA data policy
Data policy:	AMMA data policy
Original data format(s):	NASA Ames 1001