

AS.CT25K_Od - Lidar Ceilometer, Nantchagori, Ouémé meso-scale site

General information

Dataset name: AS.CT25K_Od - Lidar Ceilometer, Nantchagori, Ouémé meso-scale site
Created on: 2006-01-10

Contact(s)

Crewell Suzanne - GET - crewell@meteo.uni-koeln.de (PI or Lead scientist)

Period

Date begin (yyyy-mm-jj): 2006-01-14
Date end (yyyy-mm-jj):

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Continuous sampling of the vertical distribution of clouds and aerosols. Investigation of cloud microphysics in conjunction with polarimetric radar and microwave radiometer LWP.

Observing strategy

Continuous observation with high temporal resolution (15 s) for one year (Jan. 2006-Dec. 2006).

Instrument information

Sensor

Instrument type: CEILOMETERS
Manufacturer: Vaisala
Model: Lidar Ceilometer CT25K

Geographic information

NANGATCHORI

Location name:	NANGATCHORI
Platform type:	GROUND STATIONS
West bounding coordinate (°):	1.74
East bounding coordinate (°):	1.74
North bounding coordinate (°):	9.64
South bounding coordinate (°):	9.64

Djougou

Location name:	Djougou
Platform type:	GROUND STATIONS
West bounding coordinate (°):	1.664
East bounding coordinate (°):	1.698
North bounding coordinate (°):	9.707
South bounding coordinate (°):	9.667

Measured parameter

Backscatter profile at 1024 nm

Parameter name:	Backscatter profile at 1024 nm
Parameter keyword:	Atmosphere > Aerosols
Unit:	Not communicated - N.C
Date begin (yyyy-mm-jj):	2006-01-14

Data use information

Use constraints:	AMMA data policy
Data policy:	AMMA data policy
Original data format(s):	NetCDF