

AL.Met_Ncb - Meteorological station, Banizoumbou

General information

Dataset name: AL.Met_Ncb - Meteorological station, Banizoumbou
Created on: 2006-03-03

Contact(s)

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Project(s)

AMMA > AMMA-LOP

Data description

Abstract

Documentation of climate components at Banizoumbou station

Observing strategy

Monitoring of meteorological data during the LOP

Site information

Location name: Banizoumbou
Plateform type: GROUND STATIONS
West bounding coordinate (°): 2.66
East bounding coordinate (°): 2.66
North bounding coordinate (°): 13.53
South bounding coordinate (°): 13.53

Instrument 1 (ANEMOMETERS)

Sensor

Instrument type: ANEMOMETERS
Manufacturer: RM Young
Model: 05103L

Measured parameter: Standard Deviation of Wind Direction

Parameter name: Standard Deviation of Wind Direction
Parameter keyword: Atmosphere > Atmospheric Winds
Unit: degrees - degrees

Measured parameter: Wind Direction

Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction
Unit: degrees - degrees

Measured parameter: Wind Speed

Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed
Unit: meter per second - m/s

Instrument 2 (Temperature/Humidity Sensors)

Sensor

Instrument type: Temperature/Humidity Sensors
Manufacturer: Vaisala
Model: HMP 45

Measured parameter: Air Temperature

Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature
Unit: Degrees Celsius - °C

Measured parameter: Humidity

Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity
Unit: percent - %

Instrument 3 (PYRANOMETERS)

Sensor

Instrument type: PYRANOMETERS
Manufacturer: Skye Instruments
Model: SKS 1110

Measured parameter: Incoming Shortwave Radiation

Parameter name: Incoming Shortwave Radiation
Parameter keyword: Atmosphere > Atmospheric Radiation
Unit: Watt per square meter - W.m-2

Instrument 4 (TEMPERATURE SENSORS)

Sensor

Instrument type:	TEMPERATURE SENSORS
Manufacturer:	Campbell
Model:	T107

Measured parameter: Soil Temperature

Parameter keyword:	Land Surface > Soils > Soil Temperature
Unit:	Degrees Celsius - °C

Instrument 5 (WCR > Water Content Reflectometer)

Sensor

Instrument type:	WCR > Water Content Reflectometer
Manufacturer:	Campbell
Model:	CS616

Measured parameter: Soil Moisture/CS616 Period

Parameter name:	Soil Moisture/CS616 Period
Parameter keyword:	Land Surface > Soils
Unit:	microseconds - µs

Data use information

Use constraints:	Permission is granted to use these data in research and publications when accompanied by the following statement: "The AMMA-CATCH regional observing system was set up thanks to an incentive funding of the French Ministry of Research that allowed pooling together various pre-existing small scale observing setups. The continuity and long term perenity of the measurements are made possible by an undisrupted IRD funding since 1990 and by a continuous CNRS-INSU funding since 2005."
Data policy:	AMMA data policy
Database:	AMMA database
Original data format(s):	csv file (comma separated values)