

CE.Run_Nc - Stream gauges network, Wankama and Tondi Kiboro gullies

General information

Dataset name: CE.Run_Nc - Stream gauges network, Wankama and Tondi Kiboro gullies
Created on: 2005-12-02

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2004-06-01
Date end (yyyy-mm-jj): 2010-10-23

Project(s)

OBSERVATORIES > AMMA-CATCH
AMMA > AMMA-EOP

Data description

Abstract

Monitoring and documentation of water levels in the koris, in order to control the runoff in the catchments. Devices are disposed on the same creek to determine possible infiltration areas in their bed.

Observing strategy

Continuous monitoring during LOP, EOP and SOP, upstream and downstream from the supposed water table recharge areas : gullies, spreading areas, ponds ; equipped catchments are located near Wankama and Banizoumbou

Site information

Location name: gauges network
Platform type: GROUND NETWORKS
West bounding coordinate (°): 2.63
East bounding coordinate (°): 2.7001
North bounding coordinate (°): 13.6452
South bounding coordinate (°): 13.5472

Altitude min: 250
Altitude max: 250

Instrument 1 (STREAM GAUGES)

Sensor

Instrument type: STREAM GAUGES
Manufacturer: OTT
Model: Thalimède

Measured parameter: Discharge/Flow

Parameter name: Discharge/Flow
Parameter keyword: Terrestrial Hydrosphere > Surface Water > Discharge/Flow
Unit: cubic meters per second - m3/s

Instrument 2 (WL/CR > WATER LEVEL/CLIMATE RECORDERS)

Sensor

Instrument type: WL/CR > WATER LEVEL/CLIMATE RECORDERS
Manufacturer: Sensor Technik Simach
Model: STS DL/N V4.28 641.9965.076 24 EU level recorder

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."