

CS.soilmoisture_D - Soil moisture measurements, Dano, Burkina Faso

General information

Dataset name: CS.soilmoisture_D - Soil moisture measurements, Dano, Burkina Faso
Created on: 2008-01-25

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2006-06-01
Date end (yyyy-mm-jj): 2006-08-20

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Investigating the spatial heterogeneity of soil moisture. Such data are important input data for mesoscale models.

Observing strategy

Soil moisture measurements are performed in different depths and on a length scale of 1 km to investigate the spatial distribution of soil moisture. The data are 60 minutes averaged.

Instrument information

Sensor

Model: FDR (frequency domain reflectometry) sensor

Geographic information

BONTIOLI

Location name:	BONTIOLI
Platform type:	GROUND STATIONS
West bounding coordinate (°):	-3.0678
East bounding coordinate (°):	-3.0678
North bounding coordinate (°):	10.884
South bounding coordinate (°):	10.884

Measured parameters

Soil Moisture/Water Content

Parameter name:	Soil Moisture/Water Content
Parameter keyword:	Land Surface > Soils > Soil Moisture/Water Content
Unit:	percent - %
Date begin (yyyy-mm-jj):	2006-06-01
Date end (yyyy-mm-jj):	2006-08-20

Soil Temperature

Parameter keyword:	Land Surface > Soils > Soil Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-06-01
Date end (yyyy-mm-jj):	2006-08-20

Data use information

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