

AS.TMS_O - Biogenic emissions, Djougou, Ouémé meso-scale site

General information

Dataset name: AS.TMS_O - Biogenic emissions, Djougou, Ouémé meso-scale site
Created on: 2006-01-10

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2006-06-01
Date end (yyyy-mm-jj): 2006-07-01

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Assessment of the dominant biogenic species, particularly terpenoids and carbonyl compounds, present in boundary layer above this region of West Africa. The data will be used to determine biogenic influence on both local and regional ozone processes and potential organic aerosol formation.

Observing strategy

Diurnal variation by sampling for 10 minutes every hour for 24 hours, intensive observations for periods of up to 3 hours, surveying emitted biogenic species using branch enclosures, flux measurement of biogenic emissions using branch enclosure. Surface measurements carried out at Djougou will complement the similar measurements made on the BAE 146 during SOP 2_a2 and measurements of species such as isoprene / ozone made by the Serca group (EF33, AE.VAN_Od)

Geographic information

Djougou

Location name:	Djougou
Platform type:	GROUND STATIONS
West bounding coordinate (°):	2.7412
East bounding coordinate (°):	2.7412
North bounding coordinate (°):	9.6475
South bounding coordinate (°):	9.6475

Measured parameter

Isoprene and monoterpenes

Parameter name:	Isoprene and monoterpenes
Parameter keyword:	Atmosphere > Atmospheric Chemistry
Date begin (yyyy-mm-jj):	2006-06-01
Date end (yyyy-mm-jj):	2006-07-01

Data use information

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