

CS.Rain_Dk - NAMMA Rain Gauge network, Senegal

General information

Dataset name: CS.Rain_Dk - NAMMA Rain Gauge network, Senegal
Created on: 2008-04-07

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2006-08-08
Date end (yyyy-mm-jj): 2006-09-30

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

Rain gauge network deployed in Western Senegal to provide data needed to convert radar reflectivity into rainfall rates.

Observing strategy

The NAMMA Senegal Rain Gauge Network consisted of 38 rain gauge sites located in various places throughout Senegal, West Africa. The Rain Gauge Network consisted of the large-scale rain gauge network, 2 gauges co-located at NPOL to provide coincident measurements with each other and Larry Bliven's Rain Imaging System (RIS) and the dense-scale rain gauge network. The rain gauges collected one-minute accumulation data.

Instrument information

Sensor

Instrument type: RAIN GAUGES

Geographic information

Senegal

Location name:	Senegal
Platform type:	GROUND STATIONS
West bounding coordinate (°):	-17.1615
East bounding coordinate (°):	-16.4737
North bounding coordinate (°):	15.2168
South bounding coordinate (°):	14.1317

Measured parameter

Precipitation Amount

Parameter name:	Precipitation Amount
Parameter keyword:	Atmosphere > Precipitation > Precipitation Amount
Unit:	millimeters - mm
Date begin (yyyy-mm-jj):	2006-08-08
Date end (yyyy-mm-jj):	2006-09-30

Data use information

Use constraints:	AMMA data policy
Data policy:	AMMA data policy