

AS.wacr_S - W-band cloud radar, ARM station, Niamey

General information

Dataset name: AS.wacr_S - W-band cloud radar, ARM station, Niamey
Created on: 2006-01-13

Contact(s)

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Period

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

Project(s)

AMMA > AMMA-SOP

Data description

Abstract

The W-Band Cloud radar determines cloud location, reflectivity, and target Doppler velocity. Data from the radar are used to remotely retrieve information about the microphysical structure of the cloud in the column.

Observing strategy

Measurements made every 2 seconds.

Instrument information

Sensor

Instrument type: RADAR > Radio Detection and Ranging
Model: W-Band cloud radar

Geographic information

Niamey

Location name: Niamey
Platform type: GROUND STATIONS
West bounding coordinate (°): 2.1758

East bounding coordinate (°):	2.1758
North bounding coordinate (°):	13.4773
South bounding coordinate (°):	13.4773

Measured parameters

Reflectivity

Parameter name:	Reflectivity
Parameter keyword:	Spectral/Engineering > Radar > Radar Reflectivity
Unit:	Not communicated - N.C
Date begin (yyyy-mm-jj):	2006-01-01

Cloud location

Parameter name:	Cloud location
Parameter keyword:	Atmosphere > Clouds
Unit:	Not communicated - N.C
Date begin (yyyy-mm-jj):	2006-01-01

Data use information

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