

# AS.rwp\_S - VHF wind profiler, ARM station, Niamey

## General information

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Dataset name: AS.rwp\_S - VHF wind profiler, ARM station, Niamey  
Created on: 2006-01-13

### Contact(s)

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Slingo Anthony - ESSC - as@mail.nerc-essc.ac.uk (PI or Lead scientist)

### Period

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

### Project(s)

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AMMA > AMMA-SOP

## Data description

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### Abstract

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The wind profiler determines the vertical profile of the horizontal wind, a profile of the uncalibrated refractive index structure parameter, and the Doppler spectrum width. The objectives are to determine measure the low level wind field for the purpose of determining the depth and configuration of the monsoon and dust layers.

### Observing strategy

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Measurements made every six minutes

## Instrument information

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### Sensor

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Instrument type: WIND PROFILERS  
Model: VHF Wind Profiler

## Geographic information

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### Niamey

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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 parameter

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### Horizontal Wind

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Parameter name:	Horizontal Wind
Parameter keyword:	Atmosphere > Atmospheric Winds
Unit:	Not communicated - N.C
Date begin (yyyy-mm-jj):	2006-01-01

## Data use information

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Use constraints:	AMMA data policy
Data policy:	AMMA data policy
Database:	ARM Archive