

# CL.Rain\_Nig - Five recording rain gauges, Niger

## General information

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Dataset name: CL.Rain\_Nig - Five recording rain gauges, Niger  
Created on: 2011-04-21

### Contact(s)

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Vischel Theo - LTHE - theo.vischel@ujf-grenoble.fr (PI or Lead scientist)

### Period

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Date begin (yyyy-mm-jj): 1999-03-31  
Date end (yyyy-mm-jj): 2012-07-09

### Project(s)

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AMMA > AMMA-LOP

## Data description

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### Abstract

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Measure the rainfall over the Niger, for climatological studies.

### Observing strategy

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Direct measurements of rainfall thanks to tipping bucket gages. The interception surface for each gage is 400 cm<sup>2</sup>, each tip is equivalent to an amount of 0.5 mm of rain. The instrument includes four tipping bucket rain gages in Tahoua, Zinder, Maradi and Konni recording rainfall since 1999.

## Instrument information

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### Sensor

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Instrument type: RAIN GAUGES  
Manufacturer: Précis Mécanique  
Model: 3032

## Geographic information

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### Niger

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Location name:	Niger
Platform type:	GROUND STATIONS
West bounding coordinate (°):	1.4545
East bounding coordinate (°):	8.9929
North bounding coordinate (°):	14.8797
South bounding coordinate (°):	13.4625
Altitude max:	442

## Measured parameters

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### Precipitation Amount (previous 5 minutes)

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Parameter name:	Precipitation Amount (previous 5 minutes)
Parameter keyword:	Atmosphere > Precipitation
Unit:	millimeters - mm
Date begin (yyyy-mm-jj):	1999-03-31
Date end (yyyy-mm-jj):	2012-07-09

### Precipitation Amount (previous hour)

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Parameter name:	Precipitation Amount (previous hour)
Parameter keyword:	Atmosphere > Precipitation
Unit:	millimeters - mm
Date begin (yyyy-mm-jj):	1999-03-31
Date end (yyyy-mm-jj):	2012-07-09

### Precipitation Amount (previous 24 hours)

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Parameter name:	Precipitation Amount (previous 24 hours)
Parameter keyword:	Atmosphere > Precipitation
Unit:	millimeters - mm
Date begin (yyyy-mm-jj):	1999-03-31
Date end (yyyy-mm-jj):	2012-07-09

## Data use information

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Use constraints:	Permission is granted to use these data in research and publications when accompanied by the following statement: "The AMMA-CATCH regional observing system was set up thanks to an incentive funding of the French Ministry of Research that allowed pooling together various pre-existing small
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scale observing setups. The continuity and long term perenity of the measurements are made possible by an undisrupted IRD funding since 1990 and by a continuous CNRS-INSU funding since 2005."

Original data format(s):

csv file (comma separated values)