

# DClim - Meteorological data from 143 synoptical stations in 14 African French-speaking countries. 1854-1983.

## General information

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Dataset name: DClim - Meteorological data from 143 synoptical stations in 14 African French-speaking countries. 1854-1983.

Created on: 2006-05-16

### Contact(s)

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Sedoo - OMP - baobab-contact@sedoo.fr (PI or Lead scientist)

### Period

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Date begin (yyyy-mm-jj): 1854-05-01

Date end (yyyy-mm-jj): 1983-12-31

### Project(s)

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OPERATIONAL-DATA > Historical data

## Data description

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### Abstract

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Meteorological data from 143 synoptical stations in 14 African French-speaking countries. 1854-1983.

## Geographic information

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### DClim

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Location name: DClim  
Platform type: GROUND STATIONS  
West bounding coordinate (°): 8  
East bounding coordinate (°): 26.5  
North bounding coordinate (°): 22.8  
South bounding coordinate (°): 13.767

## Measured parameters

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### Sunshine

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Parameter keyword: Atmosphere > Atmospheric Radiation > Sunshine  
Unit: hours  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

### Maximum Temperature

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Parameter name: Maximum Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Maximum/Minimum Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

### Minimum Temperature

---

Parameter name: Minimum Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Maximum/Minimum Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

### Minimum Relative Humidity

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Parameter name: Minimum Relative Humidity  
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity  
Unit: percent - %  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

### Maximum Relative Humidity

---

Parameter name: Maximum Relative Humidity  
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity  
Unit: percent - %  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Vapour Pressure

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Parameter name: Vapour Pressure  
Parameter keyword: Atmosphere > Atmospheric Pressure  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Cloud Height

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Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Height  
Unit: meters  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## CL Clouds

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Parameter name: CL Clouds  
Parameter keyword: Atmosphere > Clouds  
Unit: code  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## CM Clouds

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Parameter name: CM Clouds  
Parameter keyword: Atmosphere > Clouds  
Unit: code  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## CH Clouds

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Parameter name: CH Clouds  
Parameter keyword: Atmosphere > Clouds  
Unit: code  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Air Pressure

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Parameter name: Air Pressure  
Parameter keyword: Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Air Temperature

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Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Dew Point Temperature

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Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Dew Point Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Humidity

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Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity  
Unit: percent - %  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Cloud Ceiling

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Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Ceiling  
Unit: meters  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Wet Bulb Temperature

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Parameter name: Wet Bulb Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Evaporation

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Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Processes > Evaporation  
Unit: millimeter - mm  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Present Weather

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Parameter name: Present Weather  
Parameter keyword: Atmosphere  
Unit: code  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Visibility

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Parameter keyword: Atmosphere > Air Quality > Visibility  
Unit: meters  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Minimum Surface Air Temperature

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Parameter name: Minimum Surface Air Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Maximum Surface Air Temperature

---

Parameter name: Maximum Surface Air Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Mixing Ratio

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Parameter name: Mixing Ratio  
Parameter keyword: Atmosphere > Atmospheric Water Vapor  
Unit: grams per kilogram - g/kg  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Reference Level Pressure

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Parameter name: Reference Level Pressure  
Parameter keyword: Atmosphere > Atmospheric Pressure  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Sea Level Pressure

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Parameter keyword: Atmosphere > Atmospheric Pressure > Sea Level Pressure  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Maximum Wind Direction

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Parameter name: Maximum Wind Direction  
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction  
Unit: rose de 36  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Maximum Wind Speed

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Parameter name: Maximum Wind Speed  
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed  
Unit: meter per second - m/s  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Wind Direction (rose 36)

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Parameter name: Wind Direction (rose 36)  
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction  
Unit: rose de 36  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Cloud Frequency

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Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency  
Unit: code  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Precipitation Amount

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Parameter keyword: Atmosphere > Precipitation > Precipitation Amount  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1854-05-01  
Date end (yyyy-mm-jj): 1983-12-31

## Wind Speed

---

Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed  
Unit: meters per second - m/s  
Date begin (yyyy-mm-jj): 1854-05-01

Date end (yyyy-mm-jj):

1983-12-31

## Data use information

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|--------------------------|------------------|
| Use constraints:         | AMMA data policy |
| Data policy:             | AMMA data policy |
| Original data format(s): | ascii text       |