

**Data Set Number 197: Katanga AWS weather data 2001 Rainfall**

Identification\_Information:

Citation:

Citation\_Information:

Originator: ICRISAT

Publication\_Date: 20020101

Title: Katanga AWS weather data 2001 Rainfall

Edition: 1

Geospatial\_Data\_Presentation\_Form: tabular digital data

Online\_Linkage: \\Isc-

svr01\GeoNetwork\fakaradatabase\d.fatondji\2001\katanga aws weather data 2001 rainfall\Katanga AWS weather data 2001 Rainfall.dbf

Description:

Abstract:

The Kantaga weather station was installed for the first in 2000 when ICRISAT activities started in the Fakara in the form of demonstration of the strategic placement of mineral fertilizer - microdose. The station collect the following information:

1. Total rainfall (mm)
2. Rainfall intensity (mm/s) to be checked
3. Total solar radiation (mj/m2)
4. Air temperature (mini, maxi, average)
5. Air relative humidity (%)
6. Wind direction
7. Wind speed

Purpose: Make available for scientific purpose, relevant weather data to scientist.

Time\_Period\_of\_Content:

Time\_Period\_Information:

Range\_of\_Dates/Times:

Beginning\_Date: 20010101

Ending\_Date: 20011231

Currentness\_Reference: ground condition

Status:

Progress: In work

Maintenance\_and\_Update\_Frequency: Every three months

Spatial\_Domain:

Bounding\_Coordinates:

West\_Bounding\_Coordinate: 2.583333

East\_Bounding\_Coordinate: 2.866667

North\_Bounding\_Coordinate: 13.583333

South\_Bounding\_Coordinate: 13.333333

Data\_Set\_G-Polygon:

Data\_Set\_G-Polygon\_Outer\_G-Ring:

G-Ring\_Point:

G-Ring\_Latitude: 13.53656

G-Ring\_Longitude: 2.81533

Keywords:

Theme:

Theme\_Keyword\_Thesaurus: None

Theme\_Keyword: Weather

Theme\_Keyword: air temperature

Theme\_Keyword: climate

Theme\_Keyword: rain

Place:

- Place\_Keyword\_Thesaurus: None
- Place\_Keyword: West Africa
- Place\_Keyword: Niger
- Place\_Keyword: Fakara
- Place\_Keyword: Katanga

Temporal:

- Temporal\_Keyword\_Thesaurus: none
- Temporal\_Keyword: 2001

Access\_Constraints: Public domain

Use\_Constraints: None

Point\_of\_Contact:

Contact\_Information:

- Contact\_Organization\_Primary:

  - Contact\_Organization: ICRISAT
  - Contact\_Person: DOUGBEDJI FATONDJI

- Contact\_Position: Senior Scientific Officer
- Contact\_Address:

  - Address\_Type: mailing and physical
  - Address:
  - City: NIAMEY
  - Country: NIGER

- Contact\_Voice\_Telephone: 00227 20722529
- Contact\_Facsimile\_Telephone: 0022720734329
- Contact\_Electronic\_Mail\_Address: d.Fatondji@cgiar.org
- Contact\_Electronic\_Mail\_Address: d\_fatondji@yahoo.com
- Hours\_of\_Service:
- Contact\_Instructions:

Data\_Set\_Credit: Bruno Gerard ICRISAT Sahelian Center, PO BOx 12404

Native\_Data\_Set\_Environment: Microsoft Windows XP Version 5.1 (Build 2600) ; ESRI ArcCatalog 9.0.0.535

Data\_Quality\_Information:

Attribute\_Accuracy:

- Attribute\_Accuracy\_Report: Automatic data collection with Campbell Scientific weather station
- Quantitative\_Attribute\_Accuracy\_Assessment:

  - Attribute\_Accuracy\_Explanation: The data are collected with sensors that are mounted on the station. They generate signals that are converted into numbers through a Campbell Scientific data logger

- Lineage:

  - Process\_Step:

    - Process\_Description: Every three months, Data are loaded from weather station to computer which has Datalogger program. Data are stored in tables such as listed in Dataset Overview. The data files are compatible to both txt and excel extentions

Spatial\_Data\_Organization\_Information:

- Direct\_Spatial\_Reference\_Method: Point
- Point\_and\_Vector\_Object\_Information:

  - SDTS\_Terms\_Description:

    - SDTS\_Point\_and\_Vector\_Object\_Type: Point

Entity\_and\_Attribute\_Information:

- Detailed\_Description:

  - Entity\_Type:

    - Entity\_Type\_Label: Katanga AWS weather data 2001 Rainfall

  - Attribute:

    - Attribute\_Label: OID

Attribute\_Definition: Internal feature number.  
Attribute\_Definition\_Source: ESRI  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute\_Label: DATACODE  
Attribute\_Definition: Array Id 109  
Attribute\_Definition\_Source: DOUGBEDJI FATONDJI

Attribute:

Attribute\_Label: YEAR  
Attribute\_Definition: Year  
Attribute\_Definition\_Source: DOUGBEDJI FATONDJI

Attribute:

Attribute\_Label: JDAY  
Attribute\_Definition: Day of Year  
Attribute\_Definition\_Source: DOUGBEDJI FATONDJI

Attribute:

Attribute\_Label: TIME  
Attribute\_Definition: Hour Minute  
Attribute\_Definition\_Source: DOUGBEDJI FATONDJI

Attribute:

Attribute\_Label: RAININT  
Attribute\_Definition: Total Rainfall Last Minute ? mm  
Attribute\_Definition\_Source: DOUGBEDJI FATONDJI

Overview\_Description:

Entity\_and Attribute\_Overview:

The dataset is Known and identified by : '1 Minute Rainfall Intensity Output (Code 109)' and contains the following attributes:

DataCode: Array Id 109  
Year: Year  
Jday: Day of Year  
Time: Hour Minute  
RainInt: Total Rainfall Last Minute ? mm

Distribution\_Information:

Distributor:

Contact\_Information:

Contact\_Position: ICRISAT SAHELIAN CENTER  
Contact\_Address:  
Address\_Type: mailing and physical  
City: NIAMEY  
Country: NIGER  
Contact\_Voice\_Telephone: 0022720722529  
Contact\_Voice\_Telephone: 0022720722626  
Contact\_Facsimile\_Telephone: 0022720734329  
Contact\_Electronic\_Mail\_Address: icrisatsc@cgiar.org  
Contact\_Electronic\_Mail\_Address: d.fatondji@cgiar.org  
Contact\_Electronic\_Mail\_Address: b.gerard@cgiar.org  
Hours\_of\_Service: 8h00am - 16h00pm z+1  
Contact\_Instructions: Prefer Email contact

Resource\_Description: 1 Minute Rainfall Intensity Output (Code 109)

Distribution\_Liability: Data are public domain. However Users who need the data should contact ICRISAT via his physical or mailing address.

Standard\_Order\_Process:

Digital\_Form:

Digital\_Transfer\_Information:

Transfer\_Size: 0.048  
Metadata\_Reference\_Information:  
Metadata\_Date: 20070205  
Metadata\_Contact:  
Contact\_Information:  
Contact\_Organization\_Primary:  
Contact\_Organization: ICRISATSC  
Contact\_Person: AMADOU M. Laouali  
Contact\_Position: Consultant  
Contact\_Address:  
Address\_Type: mailing and physical address  
Address: BP: 12404  
City: NIAMEY  
State\_or\_Province: REQUIRED: The state or province of the  
address.  
Postal\_Code: REQUIRED: The ZIP or other postal code of the  
address.  
Country: NIGER  
Contact\_Voice\_Telephone: 0022720722529  
Contact\_Facsimile\_Telephone: 0022720734329  
Contact\_Electronic\_Mail\_Address: a.m.laouali@cgiar.org  
Hours\_of\_Service: 8h00am - 16hpm z+1  
Contact\_Instructions: Email contact  
Metadata\_Standard\_Name: FGDC Content Standards for Digital Geospatial  
Metadata  
Metadata\_Standard\_Version: FGDC-STD-001-1998  
Metadata\_Time\_Convention: local time  
Metadata\_Access\_Constraints: Restricted  
Metadata\_Security\_Information:  
Metadata\_Security\_Classification: Unclassified  
Metadata\_Extensions:  
Online\_Linkage: <http://www.esri.com/metadata/esriprof80.html>  
Profile\_Name: ESRI Metadata Profile