

Data Set Number 198: AWS weather data 2001 Wind Speed (Fakara, Niger)

Identification_Information:

Citation:

Citation_Information:

Originator: ICRISAT
Publication_Date: 20020101
Title: Katanga AWS weather data 2001 Wind Speed (Fakara, Niger)
Edition: 1
Geospatial_Data_Presentation_Form: tabular digital data
Online_Linkage: \\Isc-svr01\GeoNetwork\fakaradatabase\d.fatondji\2001\katanga aws weather data 2001 wind speed\Katanga AWS weather data 2001 Wind Speed.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: BP: 12404 Niamey
 - 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: Monday to Friday, From 8H am to 16H pm z+1
- Contact_Instructions: Prefer contact by email address

Data_Set_Credit: Bruno Gerard ICRISAT Sahelian Center, PO BOX 12404

Native_Data_Set_Environment: Microsoft Excel; dBASE; Text; 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 Wind Speed

Attribute:

- Attribute_Label: OID
- Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI
 Attribute_Domain_Values:
 Attribute:
 Attribute_Label: DATACODE
 Attribute_Definition: Array Id 119
 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: WINDSPEED
 Attribute_Definition: Average Wind Speed - meters/second
 Attribute_Definition_Source: DOUGBEDJI FATONDJI
 Overview_Description:
 Entity_and_Attribute_Overview:
 The dataset is known and identified by : '1 Minute Average Wind
 >= 5 m/s Output (Code 119)' and contains the following attributes:
 DataCode: Array Id 119
 Year: Year
 Jday: Day of Year
 H: Hour Minute
 WindSpeed: Average Wind Speed - meters/second
 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 Average Wind >= 5 m/s Output (Code
 119)
 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:
 Format_Name: dbf
 Format_Version_Number: 4

Transfer_Size: 0.031
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
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